Bold type refers to issue numbers in Vol. 26 of Res

Academic paper censoring 4, 6 Academic research 1, 1 Academic Science Award Accelerated tests 1, 104; 3, 90; 10, 14 12, 6	6
Academic research 1, 1 Academic Science Award 9, 4 Accelerated tests 1, 104; 3, 90; 10, 14	-
Accelerated tests 1, 104; 3, 90; 10, 14	1.
	8;
	0.
	8;
Acceleration level 11, 4 Accelerator facilities 3, 56; 9, 6 11, 98, 10 Accelerator-control network Accelerator reject decision 10, 14	6.
Accent reject decision 10 14	4.
Acoustic microscopy 4, 13	
Acoustic properties of gases in a	
mixture 4, 5 Acoustic shadow effect 3, 7	2.
Acoustic telemetry 11, 3 Acousto-optic device 2, 56, 8	3.
Actinides 5, 4	1.
Active magnetospheric particle tracer 1, 4	7
Acton Research Co. 10, 8	7.
	8.
Adhesive patch	6.
Adhesive service life 10, 14	6.
Adsorption 5, 103; 9, 97, 13 Adult literacy 12, 1	3.
Advanced Communications Technology	
satellite 6, 16 Advanced degrees 5, 11	2.
Advanced technology telescope 10, 6	6.
Aerated faucet 12, 3	5.
Aerodynamics 3, 74; 5, 68; 6, 78; 9, 7	6;
Aero-elastic problems 11, 65, 6	4.
Aerogels 4, 5 Aging process 2, 17; 4, 11; 6, 30	
Agriculture, Dept. of 10, 10	5.
Air-cushion levitation systems 6, 7 Air turbulence 3, 74; 11, 6	6.
Aircraft cockpit simulators 2, 8	W.
Aircraft composite structures 9, 8 Aircraft design 6, 159; 8, 5	6.
Aircraft reconfiguration 11, 6 Airplane structure 11, 6 Alcan International Ltd. 10, 12 All-weather observational capability 10, 4	55.
Alloy S, 41; 6, 62, 267, 27 Alloy engine block 3, 5	0.
Along-track scanning radiometer 10, 4	17.
Alternate energy options 6, 4, 58, 21	3.
Alternating magnetic fields 8, 10	07.
Aluminum electrical interconnections 9, 3	19.
Aluminum-gallium-arsenide diode lasers 8, 3	37.
American Chemical Society 3, 50; 8, 8 American Hospital Supply Corp. 10, 9	35.
AT&T divestiture 1, 7	3.
AT&T divestiture 1, 7 American Vacuum Society 11, 12 Ames Laboratory 10, 11	23.
Amicon Corp. 10, 9	12.
Amorphous silicon 6, 21 Amorphous structure 4, 75; 5, 5	7.
Analog scramblers 1. 9	12.
	3.
Angle-selective solar control 11. 5	3.
Annular Core Research Reactor 10. 6	80.
Antarctic icebergs 2, 9	31.
Anticompetitive acts 6, 3 Anticorrosive coatings 2, 12	24.
Antimatter 6 17:11 0	8.
Antiprotone 5 40: 11 QR 10	06.
Antiquarks 11, 9 Antitrust guidelines 6, 59, 68; 11, 72; 12, 3	18.
Apollo mission 6, 157, 248; 7, 5	66.
Applications software 2, 152; 4, 94; 11, 10	
Applied science 3, 97; 6, 52, 80; 7, 5 Argonne National Laboratory	52.
10, 105, 133, 13	34.
Ariane rocket 5, 82; 9, 51; 11, 5 Arithmetic error 8, 15	58
Applied solence 3, 97 6, 52, 80, 7, 5 Argonne National Laboratory 10, 105, 133, 13 Ariane rocket 5, 82; 9, 51; 11, 4 Arithmetic error 1, 97; 6, 25 Artificial intelligence 2, 62, 102; 4, 6 5, 42, 60; 6, 129, 247, 286; 11, 230, 25	32
E 42 60 6 120 247 206 44 220 24	24
Asbestos sampling 5, 7 Assignment of right to sue 7, 2	72.
	33
Assignment provisions 1, Assignment searches 2, Assured destruction 6, 3(Assured Survival 6, 1)	33.
Assured Survival 6, 15	58
Asteroid belt 3, 17; 6, 13 Asteroid mining 6, 19	36. 58
	18
Astrophysics 1, 66; 8, 9 Atkinson, Dr. Harry 9, 4	43.
Atlantic Research Corp. 10, 10	02
Atherosclerosis reduction 4, 11 Atmospheric effects 12,	56
Atmospheric effects 12, 5 Atmospheric Earth-viewing sensors 5, 6	82.

4

26 (1984) search & Development, Light i) of R
Atmospheric satellites Atomic emission Atomic Energy Authority Atomic fluorine Atomic Incergy Authority Atomic fluorine Atomic nuclei Atomic nuclei Atomic nuclei Attempted assassination Audio-vibrotactual articulator Auger spectroscopy Aussat communications sate Auto fuel cell Autocatalysts Automated sequencing Automated ractories Automated ranalysis Automated - Automated A	7, 60. 6, 138. 4, 80. 5, 109. 11, 230, 231. ation 10, 142. 0; 5, 44; 7, 36. 5, 37; 6, 202. 3, 72.
Babcock & Wilcox Background correction Background gamma rays Background noises Backscattered radiation Baind Co. Balinaus, Dr. William F. Jr. Bardeen, John Barium Barned spiral galaxy Baryons Base isolation Basic research 6, 52, 57, 68,	10, 129, 2, 774, 11, 56, 5, 74, 4, 143, 2, 88; 3, 154, 10, 130, 134, 4, 66, 3, 49, 10, 49, 11, 98, 2, 70, 11; 3, 55; 5, 11; 80, 247; 7, 52
Battelle's Pacific Northwest Laboratories Battery 3, 45; 6, 218, 246, 26 Beam extraction Beam-loss-and-position more Beam obtite Beam signal pickup test Beaming fatigue life Beaton Dickinson & Co. Bell divestiture Bend Research Inc. Bending magnets Beryllium window Big Bang Binational Industrial Research	10, 121. 9; 7, 61; 10, 39. 11, 106. 10, 134. 8, 37. 10, 95. 5, 44. 10, 125. 11, 98. 2, 132. 9, 68; 12, 17.
Development Foundation Biological oxidant Biological warfare Bioprocessing race Bioreactors Biotechnology 1, 56; 3, 49; 6, 4, 53, 177, 277; 7, 36. Bipolar transistors	4, 51; 11, 40. 4, 188. 2, 253; 9, 54. 5, 102. 6, 138; 7, 36. 5, 52, 72, 104; 52; 9, 54, 116. 2, 41; 6, 257. 10, 114. 66; 2, 60; 8, 93.
Blister agents Bode-Titlus rule Boeing Aerospace Corp. Bone density Boron nitride Bosons Boundary-layer-transition zo Brain drain Brain function Brain transplants Braking Breeder fuel assemblies Brittle fallure Broken Hill Proprietary Co. Brookhaven National Labors Budget deficits Bueche, Arthur M. Medal Bulgaria Bureau of Mines Burst Business as usual Business as poportunity Buyer Profile questionnaire Buying public Byron nuclear plant	5, 49, 3, 17, 10, 102, 4, 192, 4, 75, 8, 56, 9, 196, 4, 188, 6, 310, 5, 37; 6, 76, 11, 33, 3, 116; 6, 272,
Capital depreciation Capillarry GC Capillary waves	10, 117, 121, 12, 35, 9, 83; 11, 47, 3, 190; 4, 128, 10, 68, 124, 2, 178, 9, 124, 11; 5, 41; 11, 72, 179.

Carbon tetrafluoride	age numbers.	
Cathodoluminescence	Caress (characterization/stress) test	
Cermet 3, 123. Challenger 1, 1, 144, 7, 56. Characterization service 12, 39. Charged particles 12, 39. Charged particles 1, 56. Characterization service 12, 39. Charged particles 1, 56. Chemical based computers 1, 56. Chemical impurities 4, 72. Chemical suppression 3, 138. Chemical thrusters 11, 65. Chemical warfare 5, 49. Chemophobia 5, 3, 92. Chief executive officers 6, 42: 11, 92. Chief executive officers 11, 39. Conficer officers 11, 39. Chief executive officers 11, 39.	Cathodoluminescence 3, 92; 8, 82. Cell fusion system 6, 1777; 10, 95. Cell separation 6, 60. Cement mix 12, 52. Central generation station 12, 54. Central receiver test facility 2, 46; 8, 65. Centrifugal hematology system 10, 95.	
Chemical suppression Chemical warfare Chemical warfare Chemical warfare Chemophobia S, 3, 35, 6, 215. Chemophobia S, 3, 35, 6, 215. Chemophobia S, 3, 35, 6, 215. Chevron Research Laboratory Building Christmas comet Christm	Cermet 3, 123. Challenger 1, 144; 7, 56. Characterization service 12, 39. Charged particles 8, 47. Chemical-based computers 1, 56. Chemical-based computers 1, 56.	
Chief executive officers	Chemical suppression 3, 138. Chemical thrusters 11, 65. Chemical warfare 5, 49. Chemophobia 4, 17. Cherenkov detectors 3, 83; 6, 215. Chevron Research Laboratory Building	
Code of emics Coercivity Collader of enteron Collager synthesis Collager synthesis Collager synthesis Collager synthesis Collider Detection Facility Collider Detection Color descrimination Color descrimination Color descrimination Color negative film Combustion Engineering Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 62 Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 62 Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 62 Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 63 Communications of space Sp. 183; 11, 39 Commercial exploitation of space Sp. 184; 6, 159; 9, 11, 49, 62 Communications Space Sp. 184; 16, 57, 67, 67, 67, 67, 67, 67, 67, 67, 67, 6	Chief executive officers 8, 42; 11, 9, 48. Christmas comet 11, 39. Chysler Corp. 5, 185. Ciba-Geigy Corp. 10, 117. Clincinnati Milacron R&D Center Circular cloud 11, 39. Circular eloud 11, 39. Civic virtue 3, 57; 49. Cleaved coupled-cavity laser Climatic plunge 9, 19; 11, 236. Climatic warming 5, 66.	
Committee indecision 11, 231. Common law rights 2, 29. Communications 1, 47, 74, 94; 2, 55, 101; 4, 87; 5, 74, 84; 6, 78, 199; 10, 154; 11, 40, 66, 231; 12, 17, 23, 39, 82. Communications lackows 2, 101, 103; 11, 40, 66, 231; 12, 17, 23, 39, 82. Communications behavior 2, 101. Communications services 1, 101. Communications services 1, 74, 687. Communications technology 2, 55. Compact toroids 6, 96; 7, 41. Compensation 8, 31; 11, 9. Compensatory damages 4, 39. Competitive edge 2, 96; 4, 96; 6, 59; 17, 72. Composite materials 6, 80, 270; 9, 74, 79; Composite materials 6, 80, 270; 9, 74, 79; Computation-intensive applications 8, 112. Computation rates 2, 102. Computational fluid dynamics 3, 49; 6, 159; Computational fluid dynamics 3, 49; 6, 159. Computational fluid dynamics 3, 49; 6, 159. Computed tomography 6, 231; 9, 79; 11, 238. Computers 5, 60; 6, 60, 229, 277; 7, 19, 44; CADICAM systems 3, 3; 4, 80, 104; 5, 60; 9, 112. Computational interesting 6, 69; 9, 112.	Code of emics Coercivity 8, 110; 12, 71. Cogeneration 8, 219; 8, 68; 12, 54, 63. Colincidence neutrons Colincidence neutrons Colincidence neutrons Colincidence neutrons Colincidence neutrons Colilagen synthesis 2, 17; 4, 192; 6, 308. Collider Detection Facility 1, 97; 11, 98, 106. Collider Detection Facility 1, 97; 11, 98, 106. Collider physics operation 11, 98, 106. Collider physics operation 8, 100. Color discrimination 8, 100. Color discrimination 8, 100. Color egative film 10, 118. Combustion gatitude radar attimeter 10, 133. Combustion 2, 139; 3, 45, 122; 5, 17, 66, 70; 6, 161; 10, 101; 11, 62. Combustion Engineering 10, 101. Combustion Engineering 10, 101. Combustion Engineering 10, 101. Combustor Inerse 3, 78; 5, 183; 11, 39.	
Communists 4, 188: 5, 56: Compact toroids 6, 96: 7, 41: Compensation 8, 31; 11, 9: Compensation 4, 19: 49: 49: 49: 49: 49: 49: 49: 49: 49: 4	Committee indecision 11, 231. Common law rights 12, 29. Communications 1, 47, 74, 94; 2, 55, 101; 4, 87; 5, 74, 84; 6, 78, 199; 10, 154; 11, 40, 66, 231; 12, 17, 23, 39, 82. Communications blackouts 9, 39	
Computational fluid dynamics 3, 49; 6, 159. Computational physics 1, 98; 4, 94, 103. Computed formography 6, 231; 9, 79; 11, 238. Computer 5, 60; 6, 60, 229, 277; 7, 19, 44; 6, 136; 11, 106. CAD/CAM systems 3, 3; 4, 80, 104; 5, 60; 6, 60; 9, 112. Computer-aided engineering 6, 99; 9, 112.	Communists 4, 188; 5, 56. Compact toroids 6, 96; 7, 41. Compensation 4, 39. Compensatory damages 4, 39.	
Computer-aided engineering 9, 112	Computational fluid dynamics 3, 49; 6, 159.	
Computer-aided engineering 9, 112	Computers 5, 60; 6, 60, 229, 277; 7, 19, 44; 6, 136; 11, 106.	
Computer business 2, 106; 9, 110.	Computer-aided engineering 9, 112. Computer-aided R&D 6, 60. Computer architecture 2, 106: 9, 110.	

Computer code for rotor dynamic	
system 10, 114. Computer decision making 10, 142.	
Computer-generated simulations 6, 121	
Computer memory chip 4, 47; 6, 244; 7, 35 Computer modeling 1, 41; 4, 102; 6, 60 9, 118; 12, 43, 60 Computer network 1, 96; 11, 96, 106	
Computer network 1, 96; 11, 98, 106 Computer-on-a-chip 6, 255	
Computer-on-a-chip 6, 255 Computer program patentability 6, 39	
Computer revolution 11, 230	
11, 72, 230	
Computer security 3, 68 Computerized IR characterization 10, 114	
Casasatantas andridas 9 100	
Concentrator carriage 3, 139 Concorde 2, 46; 4, 90 Concurrent processing 2, 101 Condensed-matter physics 11, 72	
Conductimetric detection 12, 122 Constant fall effect 8, 95	
Constricted-double-heterojunction large-optical-cavity 8, 37	
large-optical-cavity 8, 37 Consumer recognition 9, 31 Containerless processing 6, 161	
Containment damage 10, 62	
Continuous haulage system 10, 125	
044 8 004-8 00-0 00	
Control technology 6, 61; 8, 41; 11, 106 Controlled collision 11, 106 Controlled fusion program 6, 89	
Controlled fusion program 6, 89	
Controlled gas atmosphere 12, 35 Controlled landfill anaerobic digestors	
5, 105	
Controlled retracting injection point 2, 45 Convection currents 4, 78; 5, 66	
Conversion efficiency 8, 68	
Cooperative planning 12, 83	١.
Copper-indium-diselenide cells 6, 217	
Copper indium selenide/cadium zinc sulfide solar cell 10, 102 Copper-vapor laser 7, 48 Copyrights 3, 39; 6, 39; 7, 23	
Copper-vapor laser 7, 48	ì.
Conveight rights 7 22	1.
Core cooldown 4, 52 Core exposure 9, 39	
Core payload 7, 54	l.
Coronagraph/polarimeter 7, 56 Corporate goals 3, 142; 11, 81	
Comparate DRD planning 2 11	
	,
Corrosion 2, 140, 248; 3, 45, 129, 136	î.
Corrosion inhibitor 3 45 136: 5 122)
Corrosion inhibitor 3 45 136: 5 122)
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive flammable materials 2, 140	i.
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 3, 45 Corrosive flammable materials 2, 140 Cosmic ray detector 3, 83; 4, 47; 6, 258).).
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass Corrosive acids Corrosive flammable materials Cosmic ray detector 3, 83; 4, 47; 6, 256 Cost of ownership Cost overruns 4, 60; 6, 216, 248; 11, 86).).).).
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass Corrosive acids Corrosive alammable materials Cost of coveruns 4, 60; 6, 216, 248; 11, 36 Cost of overruns 4, 60; 6, 216, 248; 11, 36 Cost reductions Cost reductions).).).).
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 244 Corrosive fammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost overruns 4, 60; 6, 216, 248; 11, 36 Cost reduction 6, 216, 248 County Fire Chiefs Asan. 6, 76 Counterfeiting 11, 72).).).).
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 144 Conseive acids 2, 144 Conseive arids 3, 83, 44, 47, 6, 256 Cost of ownership 3, 83, 44, 47, 6, 256 Cost overruns 4, 60; 6, 216, 248; 11, 86 Cost reduction 6, 216, 248; 11, 86 County Fire Chiefs Assn. 1, 17, 20 Counterfeiting 1, 7, 33 Coverging plates 11, 34	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive flammable materials 2, 140 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 5, 125 Cost overnum 4, 60; 6, 216, 248; 11, 86 Cost reductions 6, 216, 248; 11, 87 Country Fire Chiefs Assn. 6, 17 Countrefieting 11, 72 Coverging plates 7, 31 Coyote Lake dam 11, 47 Crack-detection method 11, 48	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 244 Corrosive materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 122 Cost overruns 4, 60; 6, 216, 248; 11, 36 Count reductions 6, 216, 248, 11, 36 Counting Field 1, 122 Coverging plates 7, 37 Coverging plates 7, 37 Crack-detection method 11, 44 Crack-detection method 18, 56	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 44 Corrosive acids 2, 44 Corrosive almable materials 2, 144 Cosmic ray detector 3, 83; 4, 47; 6, 258 Cost of ownership 2, 248 Cost overruns 4, 60; 6, 216, 248; 11, 98 Cost reductions 4, 60; 6, 216, 248; 11, 98 Country Fire Chiefs Assn. 8, 76 Countrefielting 11, 72 Coverging plates 7, 33 Coyofe Lake dam 11, 47 Crack-detection method 11, 46 Crack growth 6, 54 Crashworthiness 11, 66	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive lammable materials 2, 140 Cosmic ray detector 3, 85, 4, 47, 6, 256 Cost of ownership 3, 83, 4, 47, 6, 256 Cost of ownership 6, 216, 248, 11, 86 Cost reductions 6, 216, 248, 11, 87 Country Fire Chiefs Assn. 8, 77 Countrefieting 11, 72 Coverging plates 7, 31 Coyote Lake dam 11, 47 Crack-detection method 11, 46 Crack growth 8, 56 Crastionism 12, 17 Creative and skilled people 5, 18	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 244 Corrosive almable materials 2, 144 Cosmic ray detector 3, 83; 4, 47, 6, 258 Cost or ownership 2, 248 Cost or ownership 3, 258 Cost or ownership 4, 60; 6, 216, 248; 11, 86 Cost reductions 4, 60; 6, 216, 248; 11, 72 Country Fire Chiefs Assn. 6, 216, 248 Country Fire Chiefs Assn. 7, 33 Coyofbe Lake dam 11, 72 Coverging plates 7, 33 Coyofbe Lake dam 11, 47 Crack-detection method 11, 46 Crack growth 6, 56 Creationism Creative and skilled people 7, 51, 51, 181 Creativity 2, 51, 51, 181 Creativity 2, 51, 51, 181 Creativity 2, 51, 51, 181 Creativity 3, 51, 72 Credibility gap	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive almable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 258 Cost of ownership 3, 128 Cost overtime 4, 60; 6, 216, 248; 11, 96 Cost reductions 6, 216, 248; 11, 96 Country Fire Chiefs Assn. 8, 77 Countrefieting 11, 72 Coverging plates 7, 33 Coyofe Laike dam 11, 47 Crack-detection method 11, 46 Crack growth 6, 56 Creationism Creative and skilled people 7, 13, 17 Creativity 2, 3, 11, 72 Creve yelection 11, 26 Creve selection 11, 27 Creve se	1
Corresion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost overruns 4, 60; 6, 216, 248; 11, 36 Cost reductions 6, 216, 248; 11, 36 County Fire Chiefs Asan. County Fire Chiefs Asan. Counterfeiting 1, 7, 37 Coverging plates 7, 7, 37 Coverging plates 7, 7, 37 Crediction method 11, 46 Crash worthiness 11, 46 Crash worthiness 11, 46 Crashworthiness 12, 17 Creativity 2, 33, 11, 72 Credibility gap 2, 33, 11, 72 Credibility gap 12, 13, 13, 17 Critical amplitude 9, 12 Critical current density 1, 10 Critical current density 3, 106 Critical growth period 12, 26 Critical current density 3, 106 Critical current density 3, 106 Critical current density 31, 106 Critical current density 31, 106	
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive and a control of the corrosive flammable materials 2, 144 Cosmic ray detector 3, 83; 4, 47 6, 258 Cost of commercial 3, 83; 4, 47 6, 258 Cost of commercial 3, 83; 4, 47 6, 258 Cost of commercial 3, 83; 4, 47 6, 258 County Fire Chiefs Assn. 6, 216, 248; 11, 38 Coverging plates 7, 33 Coverging plates 8, 20 Coverging plates 9, 20 Co	5. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 22 Cost overruns 4, 60; 6, 216, 248; 11, 36 Count reduction 6, 216, 248, 11, 36 Count reduction 7, 7, 37 Coverging plates 7, 7, 37 Coverging plates 7, 7, 37 Coverging plates 7, 7, 37 Creative and skilled people 7, 14, 46 Crash worthiness 11, 47 Creative and skilled people 7, 12, 12, 17 Creative and skilled people 7, 14, 66 Creep 6, 12, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 248 Cost reductions 6, 216, 248, 11, 36 Cost reductions 6, 216, 248, 11, 36 Country Fire Chiefs Asan. 6, 76 Country Fire Chiefs Asan. 7, 37 Coverging plates 7, 37 Coverging plates 7, 37 Coverging plates 11, 46 Crashworthiness 11, 47 Crack detection method 2, 25 Crashworthiness 11, 46 Crashworthiness 12, 17 Creative and skilled people 2, 33, 11, 72 Credibility gap 2, 33, 11, 72 Credibility gap 1, 25 Critical amplitude 9, 12 Critical current density 3, 106 Critical growth period 12, 25 Cronyism 11, 23 Cronyism 5, 181, 18, 9, 44 Cross tallic 2, 25 Crossover pressure 9, 13, 12 Cryogenic equipment 5, 88, 19, 13	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 248 Cost reductions 6, 216, 248, 11, 36 Cost reductions 6, 216, 248, 11, 36 Country Fire Chiefs Asan. 6, 76 Country Fire Chiefs Asan. 7, 37 Coverging plates 7, 37 Coverging plates 7, 37 Coverging plates 11, 46 Crashworthiness 11, 47 Crack detection method 2, 25 Crashworthiness 11, 46 Crashworthiness 12, 17 Creative and skilled people 2, 33, 11, 72 Credibility gap 2, 33, 11, 72 Credibility gap 1, 25 Critical amplitude 9, 12 Critical current density 3, 106 Critical growth period 12, 25 Cronyism 11, 23 Cronyism 5, 181, 18, 9, 44 Cross tallic 2, 25 Crossover pressure 9, 13, 12 Cryogenic equipment 5, 88, 19, 13	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 2, 3, 4, 47, 6, 256 Cost of ownership 3, 12, 248 Cost reductions 4, 60, 6, 216, 248, 11, 36 Cost reductions 6, 216, 248, 11, 36 Counterfeiting 11, 77 Coverging plates 7, 31 Coyote Lake dam 11, 44 Crack-detection method 27 Crack growth 4, 6, 56 Crashworthiness 11, 66 Creativity 2, 33, 11, 72 Credibility ag 11, 52 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 13, 50 Crystal Growth period 14, 78 Crystal damage 15, 78 Crystal damage 18, 78 Crystal da	1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive and a materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive and a materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 10, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Counterfeiting 11, 7, 37 Coverging plates 7, 31 Coyote Lake dam 11, 44 Crack-detection method 2, 24, 24, 24, 24, 24, 24, 24, 24, 24,	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 10, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Counterfeiting 11, 7, 37 Coverging plates 7, 31 Coyote Lake dam 11, 44 Crack-detection method 2, 24, 24, 24, 24, 24, 24, 24, 24, 24,	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids Corrosive acids Corrosive and a control of the control	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids Corrosive acids Corrosive acids Corrosive and a control of the contro	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids Corrosive acids Corrosive acids Corrosive and a control of the contro	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 3, 44, 47 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 81, 48, 77, 6, 256 Cost of covership 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 111, 72 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 31 Creative and skilled people Creak growth 4, 6, 56 Crashworthiness 11, 66 Creativity 4, 61 Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creativity 3, 11, 24 Creativity 3, 11, 24 Cross claik 2, 12, 11 Cross-linking 5, 18, 19, 25, 56 Cryostal 11, 39, 56, 98, 108, 13 Cryostal Cross-linking 5, 18, 19, 25, 56 Cryostal Cryostal 11, 39, 56, 98, 108, 13 Cryostal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 7, 11, 15 Crystal Crystallite orientation 1, 15 Cylladrical beam expander Cyllindrical beam expander Cyllindrical cavity 1, 15 Damage tolerance 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23	3.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 3, 44, 47 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 81, 48, 77, 6, 256 Cost of covership 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 111, 72 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 31 Creative and skilled people Creak growth 4, 6, 56 Crashworthiness 11, 66 Creativity 4, 61 Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creativity 3, 11, 24 Creativity 3, 11, 24 Cross claik 2, 12, 11 Cross-linking 5, 18, 19, 25, 56 Cryostal 11, 39, 56, 98, 108, 13 Cryostal Cross-linking 5, 18, 19, 25, 56 Cryostal Cryostal 11, 39, 56, 98, 108, 13 Cryostal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 7, 11, 15 Crystal Crystallite orientation 1, 15 Cylladrical beam expander Cyllindrical beam expander Cyllindrical cavity 1, 15 Damage tolerance 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23	3.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 248 Corrosive and a control of the control o	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 248 Corrosive and a control of the control o	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1

Bold type refers to issue numbers in Vol. 26 of Res

Academic paper censoring 4, 6 Academic research 1, 1 Academic Science Award Accelerated tests 1, 104; 3, 90; 10, 14 12, 6	6
Academic research 1, 1 Academic Science Award 9, 4 Accelerated tests 1, 104; 3, 90; 10, 14	-
Accelerated tests 1, 104; 3, 90; 10, 14	1.
	8;
	0.
	8;
Acceleration level 11, 4 Accelerator facilities 3, 56; 9, 6 11, 98, 10 Accelerator-control network Accelerator reject decision 10, 14	6.
Accent reject decision 10 14	4.
Acoustic microscopy 4, 13	
Acoustic properties of gases in a	
mixture 4, 5 Acoustic shadow effect 3, 7	2.
Acoustic telemetry 11, 3 Acousto-optic device 2, 56, 8	3.
Actinides 5, 4	1.
Active magnetospheric particle tracer 1, 4	7
Acton Research Co. 10, 8	7.
	8.
Adhesive patch	6.
Adhesive service life 10, 14	6.
Adsorption 5, 103; 9, 97, 13 Adult literacy 12, 1	3.
Advanced Communications Technology	
satellite 6, 16 Advanced degrees 5, 11	2.
Advanced technology telescope 10, 6	6.
Aerated faucet 12, 3	5.
Aerodynamics 3, 74; 5, 68; 6, 78; 9, 7	6;
Aero-elastic problems 11, 65, 6	4.
Aerogels 4, 5 Aging process 2, 17; 4, 11; 6, 30	
Agriculture, Dept. of 10, 10	5.
Air-cushion levitation systems 6, 7 Air turbulence 3, 74; 11, 6	6.
Aircraft cockpit simulators 2, 8	W.
Aircraft composite structures 9, 8 Aircraft design 6, 159; 8, 5	6.
Aircraft reconfiguration 11, 6 Airplane structure 11, 6 Alcan International Ltd. 10, 12 All-weather observational capability 10, 4	55.
Alloy S, 41; 6, 62, 267, 27 Alloy engine block 3, 5	0.
Along-track scanning radiometer 10, 4	17.
Alternate energy options 6, 4, 58, 21	3.
Alternating magnetic fields 8, 10	07.
Aluminum electrical interconnections 9, 3	19.
Aluminum-gallium-arsenide diode lasers 8, 3	37.
American Chemical Society 3, 50; 8, 8 American Hospital Supply Corp. 10, 9	35.
AT&T divestiture 1, 7	3.
AT&T divestiture 1, 7 American Vacuum Society 11, 12 Ames Laboratory 10, 11	23.
Amicon Corp. 10, 9	12.
Amorphous silicon 6, 21 Amorphous structure 4, 75; 5, 5	7.
Analog scramblers 1. 9	12.
	3.
Angle-selective solar control 11. 5	3.
Annular Core Research Reactor 10. 6	80.
Antarctic icebergs 2, 9	31.
Anticompetitive acts 6, 3 Anticorrosive coatings 2, 12	24.
Antimatter 6 17:11 0	8.
Antiprotone 5 40: 11 QR 10	06.
Antiquarks 11, 9 Antitrust guidelines 6, 59, 68; 11, 72; 12, 3	18.
Apollo mission 6, 157, 248; 7, 5	66.
Applications software 2, 152; 4, 94; 11, 10	
Applied science 3, 97; 6, 52, 80; 7, 5 Argonne National Laboratory	52.
10, 105, 133, 13	34.
Ariane rocket 5, 82; 9, 51; 11, 5 Arithmetic error 8, 15	58
Applied solence 3, 97 6, 52, 80, 7, 5 Argonne National Laboratory 10, 105, 133, 13 Ariane rocket 5, 82; 9, 51; 11, 4 Arithmetic error 1, 97; 6, 25 Artificial intelligence 2, 62, 102; 4, 6 5, 42, 60; 6, 129, 247, 286; 11, 230, 25	32
E 42 60 6 120 247 206 44 220 24	24
Asbestos sampling 5, 7 Assignment of right to sue 7, 2	72.
	33
Assignment provisions 1, Assignment searches 2, Assured destruction 6, 3(Assured Survival 6, 1)	33.
Assured Survival 6, 15	58
Asteroid belt 3, 17; 6, 13 Asteroid mining 6, 19	36. 58
	18
Astrophysics 1, 66; 8, 9 Atkinson, Dr. Harry 9, 4	43.
Atlantic Research Corp. 10, 10	02
Atherosclerosis reduction 4, 11 Atmospheric effects 12,	56
Atmospheric effects 12, 5 Atmospheric Earth-viewing sensors 5, 6	82.

4

26 (1984) search & Development, Light i) of R
Atmospheric satellites Atomic emission Atomic Energy Authority Atomic fluorine Atomic Incergy Authority Atomic fluorine Atomic nuclei Atomic nuclei Atomic nuclei Attempted assassination Audio-vibrotactual articulator Auger spectroscopy Aussat communications sate Auto fuel cell Autocatalysts Automated sequencing Automated ractories Automated ranalysis Automated - Automated A	7, 60. 6, 138. 4, 80. 5, 109. 11, 230, 231. ation 10, 142. 0; 5, 44; 7, 36. 5, 37; 6, 202. 3, 72.
Babcock & Wilcox Background correction Background gamma rays Background noises Backscattered radiation Baind Co. Balinaus, Dr. William F. Jr. Bardeen, John Barium Barned spiral galaxy Baryons Base isolation Basic research 6, 52, 57, 68,	10, 129, 2, 774, 11, 56, 5, 74, 4, 143, 2, 88; 3, 154, 10, 130, 134, 4, 66, 3, 49, 10, 49, 11, 98, 2, 70, 11; 3, 55; 5, 11; 80, 247; 7, 52
Battelle's Pacific Northwest Laboratories Battery 3, 45; 6, 218, 246, 26 Beam extraction Beam-loss-and-position more Beam obtite Beam signal pickup test Beaming fatigue life Beaton Dickinson & Co. Bell divestiture Bend Research Inc. Bending magnets Beryllium window Big Bang Binational Industrial Research	10, 121. 9; 7, 61; 10, 39. 11, 106. 10, 134. 8, 37. 10, 95. 5, 44. 10, 125. 11, 98. 2, 132. 9, 68; 12, 17.
Development Foundation Biological oxidant Biological warfare Bioprocessing race Bioreactors Biotechnology 1, 56; 3, 49; 6, 4, 53, 177, 277; 7, 36. Bipolar transistors	4, 51; 11, 40. 4, 188. 2, 253; 9, 54. 5, 102. 6, 138; 7, 36. 5, 52, 72, 104; 52; 9, 54, 116. 2, 41; 6, 257. 10, 114. 66; 2, 60; 8, 93.
Blister agents Bode-Titlus rule Boeing Aerospace Corp. Bone density Boron nitride Bosons Boundary-layer-transition zo Brain drain Brain function Brain transplants Braking Breeder fuel assemblies Brittle fallure Broken Hill Proprietary Co. Brookhaven National Labors Budget deficits Bueche, Arthur M. Medal Bulgaria Bureau of Mines Burst Business as usual Business as poportunity Buyer Profile questionnaire Buying public Byron nuclear plant	5, 49, 3, 17, 10, 102, 4, 192, 4, 75, 8, 56, 9, 196, 4, 188, 6, 310, 5, 37; 6, 76, 11, 33, 3, 116; 6, 272,
Capital depreciation Capillarry GC Capillary waves	10, 117, 121, 12, 35, 9, 83; 11, 47, 3, 190; 4, 128, 10, 68, 124, 2, 178, 9, 124, 11; 5, 41; 11, 72, 179.

Carbon tetrafluoride	age numbers.	
Cathodoluminescence	Caress (characterization/stress) test	
Cermet 3, 123. Challenger 1, 1, 144, 7, 56. Characterization service 12, 39. Charged particles 12, 39. Charged particles 1, 56. Characterization service 12, 39. Charged particles 1, 56. Chemical based computers 1, 56. Chemical impurities 4, 72. Chemical suppression 3, 138. Chemical thrusters 11, 65. Chemical warfare 5, 49. Chemophobia 5, 3, 92. Chief executive officers 6, 42: 11, 92. Chief executive officers 11, 39. Conficer officers 11, 39. Chief executive officers 11, 39.	Cathodoluminescence 3, 92; 8, 82. Cell fusion system 6, 1777; 10, 95. Cell separation 6, 60. Cement mix 12, 52. Central generation station 12, 54. Central receiver test facility 2, 46; 8, 65. Centrifugal hematology system 10, 95.	
Chemical suppression Chemical warfare Chemical warfare Chemical warfare Chemophobia S, 3, 35, 6, 215. Chemophobia S, 3, 35, 6, 215. Chemophobia S, 3, 35, 6, 215. Chevron Research Laboratory Building Christmas comet Christm	Cermet 3, 123. Challenger 1, 144; 7, 56. Characterization service 12, 39. Charged particles 8, 47. Chemical-based computers 1, 56. Chemical-based computers 1, 56.	
Chief executive officers	Chemical suppression 3, 138. Chemical thrusters 11, 65. Chemical warfare 5, 49. Chemophobia 4, 17. Cherenkov detectors 3, 83; 6, 215. Chevron Research Laboratory Building	
Code of emics Coercivity Collader of enteron Collager synthesis Collager synthesis Collager synthesis Collager synthesis Collider Detection Facility Collider Detection Color descrimination Color descrimination Color descrimination Color negative film Combustion Engineering Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 62 Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 62 Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 62 Combustion are Sp. 17, 66, 70; 8, 161; 10, 101; 11, 62, 63 Communications of space Sp. 183; 11, 39 Commercial exploitation of space Sp. 184; 6, 159; 9, 11, 49, 62 Communications Space Sp. 184; 16, 57, 67, 67, 67, 67, 67, 67, 67, 67, 67, 6	Chief executive officers 8, 42; 11, 9, 48. Christmas comet 11, 39. Chysler Corp. 5, 185. Ciba-Geigy Corp. 10, 117. Clincinnati Milacron R&D Center Circular cloud 11, 39. Circular eloud 11, 39. Civic virtue 3, 57; 49. Cleaved coupled-cavity laser Climatic plunge 9, 19; 11, 236. Climatic warming 5, 66.	
Committee indecision 11, 231. Common law rights 2, 29. Communications 1, 47, 74, 94; 2, 55, 101; 4, 87; 5, 74, 84; 6, 78, 199; 10, 154; 11, 40, 66, 231; 12, 17, 23, 39, 82. Communications lackows 2, 101, 103; 11, 40, 66, 231; 12, 17, 23, 39, 82. Communications behavior 2, 101. Communications services 1, 101. Communications services 1, 74, 687. Communications technology 2, 55. Compact toroids 6, 96; 7, 41. Compensation 8, 31; 11, 9. Compensatory damages 4, 39. Competitive edge 2, 96; 4, 96; 6, 59; 17, 72. Composite materials 6, 80, 270; 9, 74, 79; Composite materials 6, 80, 270; 9, 74, 79; Computation-intensive applications 8, 112. Computation rates 2, 102. Computational fluid dynamics 3, 49; 6, 159; Computational fluid dynamics 3, 49; 6, 159. Computational fluid dynamics 3, 49; 6, 159. Computed tomography 6, 231; 9, 79; 11, 238. Computers 5, 60; 6, 60, 229, 277; 7, 19, 44; CADICAM systems 3, 3; 4, 80, 104; 5, 60; 9, 112. Computational interesting 6, 69; 9, 112.	Code of emics Coercivity 8, 110; 12, 71. Cogeneration 8, 219; 8, 68; 12, 54, 63. Colincidence neutrons Colincidence neutrons Colincidence neutrons Colincidence neutrons Colincidence neutrons Colilagen synthesis 2, 17; 4, 192; 6, 308. Collider Detection Facility 1, 97; 11, 98, 106. Collider Detection Facility 1, 97; 11, 98, 106. Collider physics operation 11, 98, 106. Collider physics operation 8, 100. Color discrimination 8, 100. Color discrimination 8, 100. Color egative film 10, 118. Combustion gatitude radar attimeter 10, 133. Combustion 2, 139; 3, 45, 122; 5, 17, 66, 70; 6, 161; 10, 101; 11, 62. Combustion Engineering 10, 101. Combustion Engineering 10, 101. Combustion Engineering 10, 101. Combustor Inerse 3, 78; 5, 183; 11, 39.	
Communists 4, 188: 5, 56: Compact toroids 6, 96: 7, 41: Compensation 8, 31; 11, 9: Compensation 4, 19: 49: 49: 49: 49: 49: 49: 49: 49: 49: 4	Committee indecision 11, 231. Common law rights 12, 29. Communications 1, 47, 74, 94; 2, 55, 101; 4, 87; 5, 74, 84; 6, 78, 199; 10, 154; 11, 40, 66, 231; 12, 17, 23, 39, 82. Communications blackouts 9, 39	
Computational fluid dynamics 3, 49; 6, 159. Computational physics 1, 98; 4, 94, 103. Computed formography 6, 231; 9, 79; 11, 238. Computer 5, 60; 6, 60, 229, 277; 7, 19, 44; 6, 136; 11, 106. CAD/CAM systems 3, 3; 4, 80, 104; 5, 60; 6, 60; 9, 112. Computer-aided engineering 6, 99; 9, 112.	Communists 4, 188; 5, 56. Compact toroids 6, 96; 7, 41. Compensation 4, 39. Compensatory damages 4, 39.	
Computer-aided engineering 9, 112	Computational fluid dynamics 3, 49; 6, 159.	
Computer-aided engineering 9, 112	Computers 5, 60; 6, 60, 229, 277; 7, 19, 44; 6, 136; 11, 106.	
Computer business 2, 106; 9, 110.	Computer-aided engineering 9, 112. Computer-aided R&D 6, 60. Computer architecture 2, 106: 9, 110.	

Computer code for rotor dynamic	
system 10, 114. Computer decision making 10, 142.	
Computer-generated simulations 6, 121	
Computer memory chip 4, 47; 6, 244; 7, 35 Computer modeling 1, 41; 4, 102; 6, 60 9, 118; 12, 43, 60 Computer network 1, 96; 11, 96, 106	
Computer network 1, 96; 11, 98, 106 Computer-on-a-chip 6, 255	
Computer-on-a-chip 6, 255 Computer program patentability 6, 39	
Computer revolution 11, 230	
11, 72, 230	
Computer security 3, 68 Computerized IR characterization 10, 114	
Casasatantas andridas 9 100	
Concentrator carriage 3, 139 Concorde 2, 46; 4, 90 Concurrent processing 2, 101 Condensed-matter physics 11, 72	
Conductimetric detection 12, 122 Constant fall effect 8, 95	
Constricted-double-heterojunction large-optical-cavity 8, 37	
large-optical-cavity 8, 37 Consumer recognition 9, 31 Containerless processing 6, 161	
Containment damage 10, 62	
Continuous haulage system 10, 125	
044 8 004-8 00-0 00	
Control technology 6, 61; 8, 41; 11, 106 Controlled collision 11, 106 Controlled fusion program 6, 89	
Controlled fusion program 6, 89	
Controlled gas atmosphere 12, 35 Controlled landfill anaerobic digestors	
5, 105	
Controlled retracting injection point 2, 45 Convection currents 4, 78; 5, 66	
Conversion efficiency 8, 68	
Cooperative planning 12, 83	١.
Copper-indium-diselenide cells 6, 217	
Copper indium selenide/cadium zinc sulfide solar cell 10, 102 Copper-vapor laser 7, 48 Copyrights 3, 39; 6, 39; 7, 23	
Copper-vapor laser 7, 48	ì.
Conveight rights 7 22	1.
Core cooldown 4, 52 Core exposure 9, 39	
Core payload 7, 54	l.
Coronagraph/polarimeter 7, 56 Corporate goals 3, 142; 11, 81	
Comparate DRD planning 2 11	
	,
Corrosion 2, 140, 248; 3, 45, 129, 136	î.
Corrosion inhibitor 3 45 136: 5 122)
Corresion inhibitor 3 45 136: 5 122)
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive flammable materials 2, 140	i.
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 3, 45 Corrosive flammable materials 2, 140 Cosmic ray detector 3, 83; 4, 47; 6, 258).).
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass Corrosive acids Corrosive flammable materials Cosmic ray detector 3, 83; 4, 47; 6, 256 Cost of ownership Cost overruns 4, 60; 6, 216, 248; 11, 86).).).).
Corrosion inhibitor 3, 45, 136; 5, 122 Corrosion-resistant glass Corrosive acids Corrosive alammable materials Cost of coveruns 4, 60; 6, 216, 248; 11, 36 Cost of overruns 4, 60; 6, 216, 248; 11, 36 Cost reductions Cost reductions).).).).
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 244 Corrosive fammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost overruns 4, 60; 6, 216, 248; 11, 36 Cost reduction 6, 216, 248 County Fire Chiefs Asan. 6, 76 Counterfeiting 11, 72).).).).
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 144 Conseive acids 2, 144 Conseive arids 3, 83, 44, 47, 6, 256 Cost of ownership 3, 83, 44, 47, 6, 256 Cost overruns 4, 60; 6, 216, 248; 11, 86 Cost reduction 6, 216, 248; 11, 86 County Fire Chiefs Assn. 1, 17, 20 Counterfeiting 1, 7, 33 Coverging plates 11, 34	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive flammable materials 2, 140 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 5, 125 Cost overnum 4, 60; 6, 216, 248; 11, 86 Cost reductions 6, 216, 248; 11, 87 Country Fire Chiefs Assn. 6, 17 Countrefieting 11, 72 Coverging plates 7, 31 Coyote Lake dam 11, 47 Crack-detection method 11, 48	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 244 Corrosive materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 122 Cost overruns 4, 60; 6, 216, 248; 11, 36 Count reductions 6, 216, 248, 11, 36 Counting Field 1, 122 Coverging plates 7, 37 Coverging plates 7, 37 Crack-detection method 11, 44 Crack-detection method 18, 56	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 44 Corrosive acids 2, 44 Corrosive almable materials 2, 144 Cosmic ray detector 3, 83; 4, 47; 6, 258 Cost of ownership 2, 248 Cost overruns 4, 60; 6, 216, 248; 11, 98 Cost reductions 4, 60; 6, 216, 248; 11, 98 Country Fire Chiefs Assn. 8, 76 Countrefielting 11, 72 Coverging plates 7, 33 Coyofe Lake dam 11, 47 Crack-detection method 11, 46 Crack growth 6, 54 Crashworthiness 11, 66	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive lammable materials 2, 140 Cosmic ray detector 3, 85, 4, 47, 6, 256 Cost of ownership 3, 83, 4, 47, 6, 256 Cost of ownership 6, 216, 248, 11, 86 Cost reductions 6, 216, 248, 11, 87 Country Fire Chiefs Assn. 8, 77 Countrefieting 11, 72 Coverging plates 7, 31 Coyote Lake dam 11, 47 Crack-detection method 11, 46 Crack growth 8, 56 Crastionism 12, 17 Creative and skilled people 5, 18	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 244 Corrosive almable materials 2, 144 Cosmic ray detector 3, 83; 4, 47, 6, 258 Cost or ownership 2, 248 Cost or ownership 3, 258 Cost or ownership 4, 60; 6, 216, 248; 11, 86 Cost reductions 4, 60; 6, 216, 248; 11, 72 Country Fire Chiefs Assn. 6, 216, 248 Country Fire Chiefs Assn. 7, 33 Coyofbe Lake dam 11, 72 Coverging plates 7, 33 Coyofbe Lake dam 11, 47 Crack-detection method 11, 46 Crack growth 6, 56 Creationism Creative and skilled people 7, 51, 51, 181 Creativity 2, 51, 51, 181 Creativity 2, 51, 51, 181 Creativity 2, 51, 51, 181 Creativity 3, 51, 72 Credibility gap	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 45 Corrosive acids 2, 248 Corrosive almable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 258 Cost of ownership 3, 128 Cost overtime 4, 60; 6, 216, 248; 11, 96 Cost reductions 6, 216, 248; 11, 96 Country Fire Chiefs Assn. 8, 77 Countrefieting 11, 72 Coverging plates 7, 33 Coyofe Laike dam 11, 47 Crack-detection method 11, 46 Crack growth 6, 56 Creationism Creative and skilled people 7, 13, 17 Creativity 2, 3, 11, 72 Creve yelection 11, 26 Creve selection 11, 27 Creve se	1
Corresion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	i. i
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost overruns 4, 60; 6, 216, 248; 11, 36 Cost reductions 6, 216, 248; 11, 36 County Fire Chiefs Asan. County Fire Chiefs Asan. Counterfeiting 1, 7, 37 Coverging plates 7, 7, 37 Coverging plates 7, 7, 37 Crediction method 11, 46 Crash worthiness 11, 46 Crash worthiness 11, 46 Crashworthiness 12, 17 Creativity 2, 33, 11, 72 Credibility gap 2, 33, 11, 72 Credibility gap 12, 13, 13, 17 Critical amplitude 9, 12 Critical current density 1, 10 Critical current density 3, 106 Critical growth period 12, 26 Critical current density 3, 106 Critical current density 3, 106 Critical current density 31, 106 Critical current density 31, 106	
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive and a control of the corrosive flammable materials 2, 144 Cosmic ray detector 3, 83; 4, 47 6, 258 Cost of commercial 3, 83; 4, 47 6, 258 Cost of commercial 3, 83; 4, 47 6, 258 Cost of commercial 3, 83; 4, 47 6, 258 County Fire Chiefs Assn. 6, 216, 248; 11, 38 Coverging plates 7, 33 Coverging plates 8, 20 Coverging plates 9, 20 Co	5. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 22 Cost overruns 4, 60; 6, 216, 248; 11, 36 Count reduction 6, 216, 248, 11, 36 Count reduction 7, 7, 37 Coverging plates 7, 7, 37 Coverging plates 7, 7, 37 Coverging plates 7, 7, 37 Creative and skilled people 7, 14, 46 Crash worthiness 11, 47 Creative and skilled people 7, 12, 12, 17 Creative and skilled people 7, 14, 66 Creep 6, 12, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 248 Cost reductions 6, 216, 248, 11, 36 Cost reductions 6, 216, 248, 11, 36 Country Fire Chiefs Asan. 6, 76 Country Fire Chiefs Asan. 7, 37 Coverging plates 7, 37 Coverging plates 7, 37 Coverging plates 11, 46 Crashworthiness 11, 47 Crack detection method 2, 25 Crashworthiness 11, 46 Crashworthiness 12, 17 Creative and skilled people 2, 33, 11, 72 Credibility gap 2, 33, 11, 72 Credibility gap 1, 25 Critical amplitude 9, 12 Critical current density 3, 106 Critical growth period 12, 25 Cronyism 11, 23 Cronyism 5, 181, 18, 9, 44 Cross tallic 2, 25 Crossover pressure 9, 13, 12 Cryogenic equipment 5, 88, 19, 13	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 2, 3, 4 Corrosive acids 2, 248 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 12, 248 Cost reductions 6, 216, 248, 11, 36 Cost reductions 6, 216, 248, 11, 36 Country Fire Chiefs Asan. 6, 76 Country Fire Chiefs Asan. 7, 37 Coverging plates 7, 37 Coverging plates 7, 37 Coverging plates 11, 46 Crashworthiness 11, 47 Crack detection method 2, 25 Crashworthiness 11, 46 Crashworthiness 12, 17 Creative and skilled people 2, 33, 11, 72 Credibility gap 2, 33, 11, 72 Credibility gap 1, 25 Critical amplitude 9, 12 Critical current density 3, 106 Critical growth period 12, 25 Cronyism 11, 23 Cronyism 5, 181, 18, 9, 44 Cross tallic 2, 25 Crossover pressure 9, 13, 12 Cryogenic equipment 5, 88, 19, 13	1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosion-resistant glass 3, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 80, 6, 216, 248, 11, 98 Cost overruns 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 7, 31 Covering plates 7, 31 Covering plates 7, 31 Covering 11, 11, 14 Crack-defection method Crack growth 7, 11, 14 Crack-defection method Crack growth 7, 11, 11, 14 Crack-defection 11, 46 Crack growth 7, 11, 11, 14 Crack-defection 11, 15 Cratibility ap 12, 12, 11 Creative and skilled people Crew selection 11, 56 Creative 11, 23, 25 Creysland 11, 39, 56, 98, 108, 13 Cross-inking 5, 112, 31 Cross-inking 5, 112, 31 Cross-inking 7, 112 Cross	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 2, 3, 4, 47, 6, 256 Cost of ownership 3, 12, 248 Cost reductions 4, 60, 6, 216, 248, 11, 36 Cost reductions 6, 216, 248, 11, 36 Counterfeiting 11, 77 Coverging plates 7, 31 Coyote Lake dam 11, 44 Crack-detection method 27 Crack growth 4, 6, 56 Crashworthiness 11, 66 Creativity 2, 33, 11, 72 Credibility ag 11, 52 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 12, 26 Crew selection 11, 59 Critical growth period 13, 50 Crystal Growth period 14, 78 Crystal damage 15, 78 Crystal damage 18, 78 Crystal da	1.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive and a materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive and a materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 10, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Counterfeiting 11, 7, 37 Coverging plates 7, 31 Coyote Lake dam 11, 44 Crack-detection method 2, 24, 24, 24, 24, 24, 24, 24, 24, 24,	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 244 Corrosive ammable materials 2, 144 Cosmic ray detector 3, 83, 4, 47, 6, 256 Cost of ownership 3, 10, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Cost reductions 4, 60, 6, 216, 248, 11, 36 Counterfeiting 11, 7, 37 Coverging plates 7, 31 Coyote Lake dam 11, 44 Crack-detection method 2, 24, 24, 24, 24, 24, 24, 24, 24, 24,	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids Corrosive acids Corrosive and a control of the control	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids Corrosive acids Corrosive acids Corrosive and a control of the contro	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids Corrosive acids Corrosive acids Corrosive and a control of the contro	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 3, 44, 47 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 81, 48, 77, 6, 256 Cost of covership 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 111, 72 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 31 Creative and skilled people Creak growth 4, 6, 56 Crashworthiness 11, 66 Creativity 4, 61 Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creativity 3, 11, 24 Creativity 3, 11, 24 Cross claik 2, 12, 11 Cross-linking 5, 18, 19, 25, 56 Cryostal 11, 39, 56, 98, 108, 13 Cryostal Cross-linking 5, 18, 19, 25, 56 Cryostal Cryostal 11, 39, 56, 98, 108, 13 Cryostal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 7, 11, 15 Crystal Crystallite orientation 1, 15 Cylladrical beam expander Cyllindrical beam expander Cyllindrical cavity 1, 15 Damage tolerance 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23	3.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 3, 44, 47 Corrosive acids 2, 248 Corrosive acids 2, 248 Corrosive acids 3, 83, 4, 47, 6, 256 Cost of ownership 3, 81, 48, 77, 6, 256 Cost of covership 4, 60, 6, 216, 248, 11, 98 Cost reductions 6, 216, 248, 11, 98 Counterfeiting 111, 72 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 73 Coverging plates 7, 31 Creative and skilled people Creak growth 4, 6, 56 Crashworthiness 11, 66 Creativity 4, 61 Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creative and skilled people Creativity 2, 11, 23 Creativity 3, 11, 24 Creativity 3, 11, 24 Cross claik 2, 12, 11 Cross-linking 5, 18, 19, 25, 56 Cryostal 11, 39, 56, 98, 108, 13 Cryostal Cross-linking 5, 18, 19, 25, 56 Cryostal Cryostal 11, 39, 56, 98, 108, 13 Cryostal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 4, 78, 6, 16 Crystal damage Crystal prowing 7, 11, 15 Crystal Crystallite orientation 1, 15 Cylladrical beam expander Cyllindrical beam expander Cyllindrical cavity 1, 15 Damage tolerance 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23 Data-base management 10, 155; 11, 23	3.
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 248 Corrosive and a control of the control o	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Corrosion inhibitor 3, 45, 1365, 5, 122 Corrosiove acids 2, 44 Corrosive acids 2, 248 Corrosive and a control of the control o	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1

David, Edward E Jr.	10, 3, 49, 137.
Deceleration forces Deep-sea trenches	10, 3, 49, 137. 3, 45; 9, 117. 7, 31. 6, 117; 11, 58.
Deep space	6, 117; 11, 58.
Definition of responsibility Defect recognition	6, 259: 10, 142,
Defense funding Defense-related research	1, 78.
Demagnetizing fields	8, 108.
Demonstration program Density-gradient separa	
Dental caries	4, 188.
Dentinal sensitivity Deoxyribonucleic acid	4, 188. 10, 54. 5, 106; 6, 177, 310. bit 7, 54.
Deployment/retrieval or	bit 7, 54. 1, 80.
Depth profiling Dermal denticles	3, 76.
Design errors	5, 52; 6, 277; 8, 68. 3, 61; 11, 86.
Design lifetime Design patents	11, 65. 8, 31.
Design review	11, 00.
Desulfurization Detector facilities	11, 62. 11, 98.
Deuterium Deuterium-tritium fuel	
Development host	6, 91. 11, 106. 11, 152.
Devitrifying glasses Diabetes mellitus	11, 152. 2, 17; 4, 188, 192.
Diablo Canyon power p	lant 8, 48.
Diagnostics Diatomic silicon	11, 65; 12, 43. 12, 44.
Diamond melting. Dichroic polarizing filter	10, 49.
Dietectrics	3, 148; 4, 72,
Dielectric reflow Diesel engine	11, 152. 3, 45; 6, 78; 12, 63.
Dietary fluoride intake Difference spectroscop	4, 188.
Differential formulations	4. 103
Differential thermopiles Diffusion pump backing	4,128. line 11, 146.
Difficult-to-factor number Diffraction scanning	sr 5, 50.
Diffuse reflectance cell	2, 125. 10, 88. 1, 102. m 3, 72.
Diffusion barrier Diffusion-bonded titaniu	im 1, 102.
Digital control system Digital data encryption	1, 102. 3, 72. 10, 125. 1, 92. zer 1, 37.
Digital difference analy:	
Digital image processin Digital scintillation came	g 5, 68. era 10, 134.
Cigital acrampling	1, 92.
Digitizer for multicolor of Diode	6, 202, 260; 8, 107.
	8 107
Diode sputtering Dionex Corp.	8, 107. 10, 88.
Diode sputtering Dionex Corp. Dipole-correction-function	8, 107. 10, 88. on
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque	8, 107. 10, 88. ion 11, 106.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motor Directional stability	11, 106. 10, 125. 5, 37.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque servo-motion Directional stability Disolocations	11, 106. 10, 125. 5, 37.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motor Directional stability Directivity Dislocations Dispolay size	9, 107. 10, 88. 00 11, 106. 10, 125. 5, 37. 11, 47. 5, 44; 8, 54. 11, 152.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Directional stability Directivity Dislocations Display size Dissemination of scient Distortion	9, 107. 10, 88. 00 11, 106. 10, 125. 5, 37. 11, 47. 5, 44; 8, 54. 11, 152.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motior Directivity Distocations Display size Dissemination of scient Distributed analyzer co Distributed-feedback is	9, 107. 10, 88. on 11, 106. 10, 125. 5, 37. 11, 47. 5, 44; 8, 54. 11, 152. ific papers 9, 52. 114; 6, 267: 11, 46. ntrol system 10, 101.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motior Directivity Disabcations Disabcations Disabcations Disabcation of scient Distortion Distributed analyzer co Distributed-feedback le Distributed processing	W, 107. 10, 88. 11, 106. 10, 125. 5, 37. 11, 47. 5, 44, 6, 54. 11, 152. 114; 6, 267; 11, 46. 110; ser (2, 202.
Diode sputtering Dionex Corp Dipole-correction-funct generator Direct-drive high torque serve-motion Directivity Dislocations Display size Dissemination of scient Distributed analyzer co Distributed feedback is Distributed processing DNA rearrangements DNA recombination	W, 107. on 11, 106. 11, 106. 10, 125. 5, 37. 11, 47. 5, 44; 8, 54. 11, 152. 114; 6, 267; 11, 46. 6, 202. 11, 106. 6, 178. 5, 106.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-method by the discount of the d	8, 107. on 11, 106. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54, 18, 54, 18, 52, 114; 6, 287; 11, 47. ser 1, 106. 6, 178. 6, 310. 5, 106.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Directivity Distocations Display size Dissemination of scient Distortion Distributed analyzer co Distributed processing DNA reaurangements DNA recombination DNA regulation DNA replication DNA sequencing DNA synthesizers Doctor of Science dear	8, 107. on 10, 88. 11, 106. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 111, 152. 114; 8, 267: 11, 46. 110: 19: 11, 106. 6, 716. 6, 716. 6, 716. 6, 716. 8, 106. 8, 106. 8, 106.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Directivity Distocations Display size Dissemination of scient Distortion Distributed analyzer co Distributed processing DNA reaurangements DNA recombination DNA regulation DNA replication DNA sequencing DNA synthesizers Doctor of Science dear	#, 107. on 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. iffic papers 9, 52. 114; 6, 267; 11, 46. htrol system 10, 101. ser 11, 106. 6, 310. 5, 106. 6, 310. 5, 106. ee 11, 39, 11, 13, 10, 11, 10, 10
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motor Direct-drive high torque serve-motor Directonal stability Directivity Dislocations Display size Dissemination of scient Distortion Distributed-feedback is Distributed-feedback is Distributed processing DNA resurrangements DNA recombination DNA sequencing DNA synthesizers Doctor of Science degr Donor acceptor charge Dopant 2, 190 Doped GaAs	W, 107. 10, 88. 10, 125. 5, 37. 51, 44; 8, 54. iffic papers 9, 52. 114; 6, 267; 11, 46. htrol system 10, 101. ser (202. 11, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 8, 310. 5, 106. 8, 310. 5, 106. 9, 310. 5, 106. 11, 39. 11, 39.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-method by the serve-method by t	8, 107. on 11, 106. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 11, 152. 114; 8, 267; 11, 46. 114; 8, 267; 11, 46. 110; 95; 11, 46. 106. 106. 106. 106. 106. 106. 107. 11, 39. 12, 39. 13, 39. 14. 15, 21, 21, 25.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directional stability Directivity Distocations Display size Dissemination of scient Distortion Distort	W, 107. 10, 125. 5, 37. 11, 147. 5, 44; 8, 54. iffic papers 9, 52. 114; 6, 267; 11, 46. htrol system 10, 101. ser 11, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 9, 44. 4, 52; 10, 49.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque service service service service described by the distributed analyzer of the Distributed analyzer of the Distributed processing DNA resurrangements DNA recombnation DNA replication DNA sequencing DNA synthesizers Doctor of Science degroon acceptor charge Dopant 2, 190 Doped GaNAs Dormant volcand Dosimeters Double of the Double of the Double of the Double of Double	#, 107. on 11, 106. 11, 106. 11, 106. 11, 107. 5, 44; 8, 54. 114; 6, 267; 11, 48. http://dispers. 114; 6, 267; 11, 48. http://dispers. 11, 106. 6, 178. 5, 106. 6, 310. 5, 106. 90 11, 39. 91 11, 39. 4, 22, 34. 4, 52; 10, 49. 4, 52; 10, 49.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motior Direct-drive high torque serve-motior Directional stability Directivity Distocations Display size Dissemination of scient Distortion Distort	#, 107. on 11, 106. 11, 106. 11, 106. 11, 107. 5, 44; 8, 54. 114; 6, 267; 11, 48. http://dispers. 114; 6, 267; 11, 48. http://dispers. 11, 106. 6, 178. 5, 106. 6, 310. 5, 106. 90 11, 39. 91 11, 39. 4, 22, 34. 4, 52; 10, 49. 4, 52; 10, 49.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motor Direct-drive high torque serve-motor Directonal stability Directivity Distocations Display size Dissemination of scient Distortion Distortion Distortion Distortion Distributed-feedback is Distributed processing DNA rearrangements DNA recombination DNA sequencing DNA synthesizers Doctor of Science degr Donor acceptor charge Dopart 2, 190 Doped GaAs Domant volcano Dosimeters Double intration/biolum system Double-glazed window Dow Chemical Co. Drag reduction	#, 107. on 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 11, 152. 114; 6, 267; 11, 46. htrol system 10, 101. ser 11, 106. 6, 178. 5, 106. 6, 310. 5,
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directonal stability Directivity Distocations Display size Dissemination of scient Distortion Distortion Distortion Distortion Distributed-feedback is Distributed-feedback is Distributed-feedback is Distributed processing DNA resurrangements DNA recombination DNA sequencing DNA synthesizers Doctor of Science degr Donor acceptor charge Dopant 2, 190 Doped GaAs Dormant volcano Dosimeters Double diffration/biolum system Double-glazed window Dow Chemical Co. Drag reduction Drugs Dry etching process co	#, 107. 10, 125. 5, 37. 11, 106. 10, 125. 5, 37. 11, 47. 5, 44; 8, 54. 11, 152. 114; 6, 267; 11, 46. 11, 106. 6, 310. 5, 106. 6, 310
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directonal stability Directivity Distocations Display size Dissemination of scient Distortion Distorti	#, 107. 10, 125. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 11, 52. 114; 8, 287. 11, 48. 110, 28. 114; 8, 287. 11, 48. 202. 11, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 11, 39
Diode sputtering Dionex Corp. Diople-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directonal stability Directory Directonal stability Directory Display size Dispersion of Scientiful Display size Dispersion of Scientiful Display size	#, 107. on 11, 106. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 11, 152. 114; 8, 267; 11, 46. 114; 8, 267; 11, 46. 116; 267; 11, 46. 110, 101. 11, 102. 11, 103.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion of the corp. Direct-drive high torque serve-motion Directonal stability Directority Distocations Display size Dissemination of scient Distortion 4, Distributed analyzer on Distributed-feedback is Distributed-feedback is Distributed-feedback is Distributed-processing DNA resurrangements DNA recombination DNA sequencing DNA synthesizers Doors or Scientes Doors	#, 107. on 11, 106. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 11, 152. 114; 8, 267; 11, 46. 114; 8, 267; 11, 46. 116; 267; 11, 46. 110, 101. 11, 102. 11, 103.
Diode sputtering Dionex Corp. Diopie-correction-funct generator Direct-drive high torque service service properties of the corp. Displey size of the	#, 107. on 11, 106. 11, 106. 11, 107. 5, 44; 8, 54. 11, 152. 114; 8, 267; 11, 46. 114; 8, 267; 11, 46. 114; 8, 267; 11, 46. 110; 95; 10, 46. 100. 11, 100. 1
Diode sputtering Dionex Corp. Diopie-correction-funct generator Direct-drive high torque service of the control	#, 107. 10, 125. 11, 106. 10, 125. 5, 37. 5, 44; 6, 25. 114; 7. 5, 44; 6, 267. 11, 46. 110, 125. 114; 6, 267. 11, 46. 4, 202. 11, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 9, 44. 4, 52; 10, 49. 4, 52; 10, 49. 4, 52; 10, 49. 10, 95. 3, 76; 9, 79. 10, 95. 3, 76; 9, 79. 10, 95.
Diode sputtering Dionex Corp. Diopel-correction-funct generator Direct-drive high torque service and procession of the control	#, 107. on 10, 88. 11, 106. 11, 106. 5, 31, 37. 5, 44; 8, 54. 114; 6, 267; 11, 46. http://dispapera. 11, 152. 114; 6, 267; 11, 46. http://dispapera. 11, 108. 6, 210. 6, 178. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 310.
Diode sputtering Dionex Corp. Diople-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directonal stability Directory Directonal stability Directory Directory Directory Display size Dispersion of scient Distortion 4, Distributed analyzer on Distributed-feedback is Distributed-feedback in Distributed-feedback is Distributed-feedback in Distributed-feedback in Distributed-feedback in Distributed-feedback in Distributed-feedback in Distributed-feedback in Post Company Com	8, 107. on 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 11, 175. 114; 6, 267; 11, 46. htrol system 10, 101. ser 11, 106. 6, 178. 5, 106. 6, 310. 5, 106. 6, 310. 5, 106. 6, 216, 256. 11, 33. 10, 88. 11, 39. 9, 44. 40. 10, 88. 10, 88. 10, 88. 10, 89. 11, 10, 88. 11, 10, 10, 10, 10, 10, 10, 10, 10, 10,
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directonal stability Directivity Distocations Display size Dissemination of scient Distortion Distortion of scient Distortion Distributed-feedbeck is Distributed-feedbeck is Distributed-feedbeck is Distributed-feedbeck is Distributed-feedbeck is Distributed-processing DNA recombination DNA report Distortion DNA report DNA synthesizers DNA recombination DNA sequencing DNA synthesizers Doctor of Science degree Donor acceptor charge Donor acceptor charge Donor acceptor charge Donor acceptor distortion Dosimeiers Double-glazed window Dosimeiers Double-glazed window Dow Chemical Co. Drag reduction Drugs Dny storage Dual-supermini DuPont Co. Dust Impact analyzer Dyamfic code inversion Dynamic scheduling Dynamic scheduling Dynamic scheduling Dynamic setsopheric Barth's atmosphere	8, 107. on 11, 106. 11, 106. 11, 107. 5, 44; 8, 54. 11, 17. 5, 44; 8, 54. 11, 17. 5, 44; 8, 54. 11, 17. 5, 106. 6, 178. 5, 106. 6, 216, 286. 11, 39. 9, 44. 4, 52; 10, 49. 2, 84. 10, 88. 11, 98. 11, 9
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Direct-drive Direct-drive Direct-drive Direct-drive Direct-drive Direct-drive Distoration Dist	#, 107. on 10, 88. 11, 106. 11, 106. 5, 31. 5, 44; 8, 54. 11, 152. 114; 8, 267; 11, 48. http://dispapera. 11, 108. 8, 108. 8, 11, 108. 8, 178. 8, 108. 8, 178. 8, 108. 9, 11, 108. 9, 14. 11, 108. 11, 108. 9, 108. 9, 108. 11, 108. 9, 108. 9, 108. 11, 108. 9, 108. 11
Diode sputtering Dionex Corp. Diopole-correction-funct generator Direct-drive high torque servo-motion displayed by the control of the contro	#, 107. 10, 88. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 11, 47. 5, 44; 8, 54. 11, 152. 114; \$, 267. 11, 46. 267. 11, 106. 6, 106. 6, 106. 6, 310. 5, 106. 6, 310. 5, 106. 8, 106. 8, 106. 8, 106. 8, 106. 9, 104. 11, 39. 14, 216, 256, 11, 53. 2, 190. 10, 95. 10,
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directional stability Directivity Distocations Display size Dissemination of scient Distortion Distributed feedback is Distributed processing DNA resurrangements DNA recombination DNA repotation DNA sequencing DNA synthesizers Doctor of Science degr Donor acceptor charge Dopart Donor acceptor charge Dopart Donor acceptor charge Dopart Donor acceptor charge Donor acceptor Donor Dosimeters Double distortion Down Down Down Down Down Down Down Do	#, 107. 10, 88. 11, 106. 10, 125. 5, 37. 5, 44; 8, 54. 8, 54. 11, 152. 114; \$, 267: 1, 166. 116. 106. 106. 106. 106. 106. 106.
Diode sputtering Dionex Corp. Dipole-correction-funct generator Direct-drive high torque serve-motion Direct-drive high torque serve-motion Directional stability Directivity Distocations Display size Dissemination of scient Distortion Distributed feedback is Distributed processing DNA resurrangements DNA recombination DNA repotation DNA sequencing DNA synthesizers Doctor of Science degr Donor acceptor charge Dopart Donor acceptor charge Dopart Donor acceptor charge Dopart Donor acceptor charge Donor acceptor Donor Dosimeters Double distortion Down Down Down Down Down Down Down Do	#, 107. on 11, 106. 11, 106. 11, 107. 5, 44: 8, 54. 11, 152. 5, 37. 5, 44: 8, 54. 11, 152. 114: 8, 267: 11, 48. 11, 152. 114: 8, 267: 11, 48. 11, 106. 8, 178. 8, 106. 9, 178. 1, 106. 9, 178. 1, 106. 1, 139. 1, 106. 1, 139. 1, 106. 1, 107. 1, 106. 1, 107. 1, 106. 1, 107. 1, 106. 1, 107. 1, 11, 108. 1, 107

Earthquake simulator	2, 84.
Eastern-bloc countries 9 Eastman Kodak Co.	52, 54. 10, 118.
Echo amplitude	6, 235.
Economic feasibility Economic objectives	5, 102. 11, 72. 6, 59.
Economic slowdowns	6, 59. 6; 9, 72;
Eddy currents 6, 76; 7, 3 11, 46	6; 9, 72; ; 12 , 73.
Edgerton, Harold Education 4, 31; 5, 181; 6, 60; 7,	1, 41.
	11, 72.
Effective pumping speed	11, 146.
Efficiency increase 4, 96	12, 82.
Electric double-layer capacitor	11, 72. 10, 101. 10, 49
Electric field 2, 92; 6, 257	1 446 546
Electric generating facilities 2, 46, 9 60; 5, 103; 6, 90, 21 8, 37, 66; 10, 39, 48, 56, 98	0, 92; 4,
8, 37, 66; 10, 39, 48, 56, 98	
Electric Power Research Institute Electric vehicles	10 39
Electrical conductivity detection	
Electrical contacts Electrical discharge	2, 92.
Electrical insulation 3, 148; 5, 118	; 10, 56.
Electrical noise Electrical resistance	3, 45. 5, 41.
Electricity production Electrolyte migration	12, 54. 12, 54.
Electron devices meeting	
Electron devices meeting Electron-optics system 4, 5 Electrochromic material 5, 5 Electrodialysis 5, Electroluminescence 3, 92	1; 8, 82.
Electrodialysis 5,	55, 103.
Electrolyminescence 3, 92 Electrolytic recovery of lead	; 6, 277. 10, 121.
Electrotytic recovery of learl Electromagnet 2, 92; 3, 104, 12 Electromagnetic compatibility Electromagnetic energy 2, 53, 17; 150; 5, 42, 183; 6, 18, 75,	9: 8, 75:
	3, 129.
Electromagnetic corriporative 2, 53, 17: 150: 5, 42, 183: 6, 18, 75, 230, 257, 269: 8, 97: 9, 50: 10 Electromagnetic interference 3, 15 257, 269: 7, 64: 10, 48, 68 Electromagnetic spectrum	94, 201,
230, 257, 269; 8, 97; 9, 50; 10 Electromagnetic interference 3, 15	, 48, 68. 0: 6, 94.
257, 269; 7, 64; 10, 48, 68	12, 70.
6.	18, 230,
Electromagnetic theory 3, 17; 5,	74, 183;
Electromagnetic waves 6, 96, 23 Electron beam 1, 3; 6, 255, 268	8, 97. 0, 8, 97. ; 8, 100;
Minetron hoom 4 3.2 acr and	
Electron beam 1, 3; 6, 255, 268	10, 68
Electron beam melting	; 10, 68. 6, 268.
Electron beam melting Electron traps Electronic camera	8, 268. 9, 51. 10, 54.
Electron beam melting Electron traps Electronic camera	8, 268. 9, 51. 10, 54.
Electron beam melting Electron traps Electronic camera Electronic chips 5, 55; 9, 58, 62 Electronic circuits 1, 102; 9, 38 Electronic communications service	6, 268. 9, 51. 10, 54. 12, 44. 1, 12, 43. 8 1, 73.
Electron beam melting Electronic camera Electronic chips 5, 55; 9, 58, 62 Electronic circuits 1, 102; 9, 36	8, 268. 9, 51. 10, 54. 12, 44. 12, 43. 8 1, 73. 10, 150
Electron beam melting Electron traps Electronic camera Electronic chips Electronic circuits 1, 102; 9, 36 Electronic communications service Electronic industry 9, 55; 6, 181; Electronic Instruments	8, 268. 9, 51. 10, 54. 12, 44. 12, 43. 8 1, 73. 10, 150
Electron beam melting Electron traps Electronic camera Electronic chips Electronic circuits 1, 102; 9, 36 Electronic communications service Electronics industry 5, 55; 8, 181; Electronic Instruments Electronic mall	#, 268. 9, 51. 10, 54. 112, 44. 112, 43. 113, 150. 12, 44. 11, 114.
Electron beam melting Electron traps Electronic camera Electronic communications service Electronic circuits 1, 102: 9, 38 Electronic communications service Electronic industry 5, 55; 8, 181; Electronic instruments Electronic mail Electronic mail Electronic pollution Electronic pollution	8, 268. 9, 51. 10, 54. 12, 44. 12, 43. 8 1, 73. 10, 150; 12, 44. 11, 114. 1, 92. 3, 150. 10, 113.
Electron beam melting Electron traps Electron traps Electronic camera Electronic chips Electronic cricuits 1, 102; 9, 36 Electronic circuits 1, 102; 9, 36 Electronic industry 5, 55; 6, 181; Electronic industry 5, 55; 6, 181; Electronic malls Electronic pollution Electronic pollution Electronic pollution Electronic pollution Electronic pollution in the company of t	8, 268. 9, 51. 10, 54. 112, 44. 112, 43. 113, 150. 124. 11, 114. 1, 92. 3, 150. 10, 113. 10, 91.
Electron beam melting Electron traps Electronic camera Electronic communications service Electronic circuits 1, 102: 9, 38 Electronic communications service Electronic industry 5, 55; 8, 181; Electronic instruments Electronic mail Electronic mail Electronic pollution Electronic pollution	8, 268. 9, 51. 10, 54. 112, 44. 12, 43. 10, 150. 12, 44. 11, 114. 1, 92. 3, 150. 10, 113. 10, 91. 7, 50.
Electron beam melting Electron traps Electron traps Electronic camera Electronic chips Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic industry 9, 55; 6, 181; Electronic malls Electronic malls Electronic pollution Electronic p	#, 268. 9, 51. 10, 54. 11, 12, 43. 11, 150. 12, 44. 11, 114. 1, 92. 3, 150. 10, 113. 10, 91. 7, 50. etector 3, 154. 1, 104.
Electron beam melting Electron traps Electronic camera Electronic chips Electronic orbips Electronic orbips Electronic orbips Electronic orbips Electronic orbips Electronic orbits 1, 102; 9, 31 Electronic instruments Electronic mali Electronic meltium Electronic multion Electronic multion Electronic multips Electron	#, 268. 9, 51. 10, 54. 2; 12, 44. 2; 12, 43. 8 1, 73. 10, 150. 12, 44. 11, 114. 1, 92. 3, 150. 10, 113. 10, 91. 7, 50. etector 3, 154. 1, 100. 6, 214. 1, 100. 6, 214. 1, 100.
Electron beam melting Electron traps Electronic camera Electronic chips Electronic chips Electronic origina Electronic origina Electronic communications service Electronic communications service Electronic pollution Electronic mail Electronic pollution Electron	#, 268. 9, 51. 10, 54. 12, 44. 12, 12, 43. 10, 150. 11, 114. 1, 192. 3, 150. 10, 113. 10, 91. 7, 50 etector 3, 154. 1, 100. 6, 214. 1; 10, 50. 7, 43.
Electron beam melting Electron trape Electronic camera Electronic chips Electronic chips Electronic critical Electronic chips Electronic communications service Electronic instruments Electronic mail Electronic mail Electronic mail Electronic mail Electronic pollution Electronic pollution Electronic pollution Electronic pollution Electronic bransaction analyzer Electron-theological fluids Electro-theological fluids Electronic pollution Elect	#, 268. 9, 51. 10, 54. 112, 44. 112, 43. 10, 150. 12, 44. 11, 114. 1, 92. 3, 150. 10, 113. 10, 91. 3, 150. 10, 113. 10, 91. 10, 113. 10, 91. 7, 50. elector 3, 154. 1, 100. 6, 214. 1; 10, 50. 12, 45. 8, 76. 8, 74. 12, 45. 8, 74.
Electron beam melting Electron trape Electronic camera Electronic chips Electronic chips Electronic critical Electronic chips Electronic communications service Electronic instruments Electronic mail Electronic mail Electronic mail Electronic mail Electronic pollution Electronic pollution Electronic pollution Electronic pollution Electronic bransaction analyzer Electron-theological fluids Electro-theological fluids Electronic pollution Elect	#, 268. 9, 51. 10, 54. 2; 12, 43. 3; 12, 44. 11, 114. 1, 92. 3, 150. 10, 113. 10, 91. 7, 50. etector 3, 154. 1, 100. 6, 214. 2; 10, 50. 7, 43. 12, 45. 8, 76.
Electron beam melting Electron traps Electron traps Electronic camera Electronic chips Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic industry 9, 55, 6, 181; Electronic mall Electronic mall Electronic pollution Electronic pollut	#, 268. 9, 51. 10, 54. 12, 43. 12, 43. 10, 150. 12, 44. 11, 114. 1, 92. 3, 150. 10, 113. 10, 91. 7, 50. etector 3, 154. 1, 104. 1, 104. 1, 105. 1, 133. 12, 63. 12, 63.
Electron beam melting Electron traps Electronic camera Electronic chips Electronic chips Electronic orbips Electronic orbips Electronic orbips Electronic orbips Electronic orbips Electronic orbips Electronic mall Electronic mall Electronic mall Electronic melturents Electronic melturen	#, 268. 9, 51. 10, 54. 10, 12, 43. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 10, 91. 1
Electron beam melting Electron traps Electron traps Electronic camera Electronic chips Electronic chips Electronic orbit Electronic orbit Electronic orbit Electronic orbit Electronic orbit Electronic malls Electronic malls Electronic malls Electronic pollution	8, 268. 9, 51. 10, 54. 110, 54. 112, 44. 11, 150. 12, 43. 11, 14. 11, 14. 11, 14. 11, 150. 10, 113. 10, 91. 7, 50. 11, 100. 6, 214. 11, 100. 6, 214. 11, 12, 43. 12, 43. 12, 43. 12, 63. 12, 102. 11, 13. 12, 13. 11, 15.
Electron beam melting Electron traps Electron traps Electronic camera Electronic chips Electronic crips Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic ormunications service Electronic industry 8, 55, 6, 181; Electronic mall Electronic mall Electronic pollution Emergency response vehicle Emergency repairs Emissions Emitter-coupled logic Employe interaction Employment deployment Empire State Electric Energy Research Corp.	6, 268. 9, 51. 10, 54. 110, 154. 110, 150. 110, 150. 110, 150. 110, 110.
Electron beam melting Electron trape Electron trape Electronic camera Electronic chips Electronic chips Electronic critical Electronic critical Electronic critical Electronic communications service Electronic industry 5, 55, 8, 181; Electronic mall Electronic mall Electronic mall Electronic pollution Electronic particle physics Emergency powers Emergency powers Emergency response vehicle Emergency response pollution Employment deployment Employment deployment Empire State Electric Energy Research Corp. Employe scivism	8, 268. 9, 51. 10, 54. 110, 54. 110, 14. 110, 14. 110, 14. 111, 14. 111, 14. 111, 14. 111, 14. 111, 14. 111, 14. 111, 14. 111, 14. 111, 14. 111, 14. 111, 15. 111, 15. 111, 15. 111, 15. 111, 15. 111, 15. 111, 15. 111, 15.
Electron beam melting Electron traps Electron traps Electronic camera Electronic camera Electronic crips Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic malls Electronic malls Electronic malls Electronic malls Electronic pollution Emergency response vehicle Emergency repairs Emissions Emergency repairs Emissions Emiter-coupled logic Employe interaction Employer electric Energy Research Corp. Employe activism Employe loyalty Employer-employe relations Employer-employer relations Employer-employer relations Employer-employer relations	8, 268. 8, 51. 10, 54. 4. 110, 154. 110, 150. 112, 44. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 114. 11, 13. 13. 13. 13. 13. 13. 13. 13. 13. 13.
Electron beam melting Electron traps Electron traps Electronic camera Electronic camera Electronic crips Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic malls Electronic malls Electronic malls Electronic malls Electronic pollution Emergency response vehicle Emergency repairs Emissions Emergency repairs Emissions Emiter-coupled logic Employe interaction Employer electric Energy Research Corp. Employe activism Employe loyalty Employer-employe relations Employer-employer relations Employer-employer relations Employer-employer relations	8, 268. 10, 544. 11, 12, 43. 12, 43. 12, 44. 12, 43. 13, 150. 10, 150. 10, 150. 10, 113. 10, 91. 10, 91. 10, 91. 11, 91. 11, 91. 12, 44. 13, 150. 14, 100. 15, 20. 16, 214. 17, 20. 18, 20.
Electron beam melting Electron trape Electron trape Electronic camera Electronic chips Electronic chips Electronic chips Electronic chips Electronic circuits 1, 102; 9, 36 Electronic communications service Electronic industry 5, 55; 8, 181; Electronic mail Electronic mail Electronic mail Electronic pollution Emergency portics Emergency response vehicle Emergency response Emergency resp	8, 268. 10, 544. 11, 12, 43. 12, 43. 12, 44. 12, 43. 13, 150. 10, 150. 10, 150. 10, 113. 10, 91. 10, 91. 10, 91. 11, 91. 11, 91. 12, 44. 13, 150. 14, 100. 15, 20. 16, 214. 17, 20. 18, 20.
Electron beam melting Electron traps Electron traps Electronic camera Electronic circuits 1, 102; 9, 38 Electronic mainterials Electronic mail electronic pollution Employe powers Emergency response vehicle Emergency repairs Emissions Emergency repairs Emissions Emiter-coupled logic Employe interaction Employe electric Energy Research Corp. Employe scilvism Employe elevision Employer-employe relations Employer-employe relations Employer-employe relations Employer-employe relations Employer-employe relations Employer-employe relations Employer-employe	8, 268. 10, 544. 11, 12, 43. 12, 43. 12, 44. 12, 43. 13, 150. 10, 150. 10, 150. 10, 113. 10, 91. 10, 91. 10, 91. 11, 91. 11, 91. 12, 44. 13, 150. 14, 100. 15, 20. 16, 214. 17, 20. 18, 20.
Electron beam melting Electron traps Electron traps Electronic camera Electronic camera Electronic consumera Electronic consumera Electronic consumera Electronic consumera Electronic communications service Electronic communications service Electronic mail Electronic pollution Employment particle physics Employment deployment Employment deployment Employment deployment Employment deployment Employment Empl	## (1975) ## (1975)
Electron beam melting Electron trape Electron trape Electronic camera Electronic chips Electronic chips Electronic critical Electronic critical Electronic critical Electronic communications service Electronic industry 5, 55, 8, 181; Electronic malimate Electronic malimate Electronic malimate Electronic pollution Electronic malimate Electronic malimate Electronic malimate Electronic malimate Electronic malimate Electronic malimate Emergency response vehicle Emergency response vehicle Emergency repairs Emergency repairs Emergency repairs Emergency repairs Employment deployment Employment deployment Employment deployment Employment agreement Enclus Subvision Employment agreement Enclus Subvision Encryption devices End-window rhodium tube Encryption devices End-window rhodium tube Energen S. 51: 6, 78, 88 Electronic campation devices End-window S. 51: 6, 78, 88 Energen S. 51: 6, 78, 88	## (1975) ## (1975)
Electron beam melting Electron trape Electron trape Electronic camera Electronic chips Electronic chips Electronic chips Electronic chips Electronic circuits 1, 102; 9, 36 Electronic communications service Electronic industry 5, 55; 8, 181; Electronic industry 5, 55; 8, 181; Electronic industry 5, 55; 8, 181; Electronic mall Electronic pollution Electronic particle Electronic particle Electronic particle Electronic particle Electronic particle Emergency powers Emergency powers Emergency powers Emergency powers Emergency response vehicle Emergency powers Emissions Emitter-coupled logic Employe interaction Employment deployment Employment deployment Employment deployment Employment agreement Encke's Division Employment agreement Encke's Division Encryption devices End-window rhodium tube Energy Sparier Energy bearier Energy bearier Energy braikeven	## (## 10
Electron beam melting Electron traps Electron traps Electronic camera Electronic chips Electronic chips Electronic chips Electronic consumation Electronic communications service Electronic communications service Electronic pollution Electronic mail Electronic mail Electronic pollution Employe policit Employe response vehicle Employe interaction Employment deployment Employe loyalty Employer-employe relations Employment Employe electronic Employment Employment Employer-employe relation Employment Empl	## (## 10
Electron beam melting Electron traps Electronic camera Electronic chips Electronic chips Electronic chips Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic mall Electronic	6, 268, 24, 49, 11, 15, 12, 63, 11, 15, 12, 63, 11, 15, 12, 63, 11, 15, 12, 64, 67, 67, 67, 67, 67, 67, 67, 67, 67, 67
Electron beam melting Electron traps Electronic camera Electronic chips Electronic chips Electronic chips Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic orbits Electronic mall Electronic	6, 268, 24, 49, 11, 15, 12, 63, 11, 15, 12, 63, 11, 15, 12, 63, 11, 15, 12, 64, 67, 67, 67, 67, 67, 67, 67, 67, 67, 67
Electron beam melting Electron trape Electronic camera Electronic chips Electronic chips Electronic crips Electronic crips Electronic crips Electronic crips Electronic crips Electronic communications service Electronic industry 5, 55; 8, 181; Electronic mail Electronic mail Electronic mail Electronic pollution Electronic mail Electronic pollution Electronic pollution Electronic pollution Electronic pollution Electronic mail Electronic pollution Emergency repairs Emissions Emergency repairs Emissions Emissions Emitter-coupled logic Employe interaction Employee calivism Employee calivism Employee calivism Employee calivism Employee calivism Employee pollution Employee Employee pollution Employee Emplo	## 10.5 10.5
Electron beam melting Electron trape Electronic camera Electronic camera Electronic circuits 1, 102; 9, 36 Electronic mainter circuits 1, 102; 9, 36 Electronic circui	", 268. 25 11. 26 27. 27. 28 28. 28. 28 28. 28. 28. 28. 28. 28. 28. 28. 28. 28.
Electron beam melting Electron traps Electronic camera Electronic chips Electronic chips Electronic chips Electronic chips Electronic control Electronic control Electronic control Electronic control Electronic mali Electronic mali Electronic mali Electronic pollution Electronic pollution Electronic pollution Electronic pollution Electronic mali Electronic mali Electronic pollution Electronic pollution Electronic mali Electronic mali Electronic pollution Electronic particle physics E-mergency powers Emergency powers Employment deployment Employment deployment Employment agreement Enchor powers	", 268. 25 11, 269 12, 31 12, 32 13, 31 14, 32 14, 32 15, 31 15, 31 16, 31
Electron beam melting Electron trape Electronic camera Electronic camera Electronic chips Electronic crips Electronic malicips Electronic malicips Electronic malicips Electronic pollution Electronic po	6, 268. 8 9, 51. 10, 54. 11, 10, 54. 11, 10, 10, 10, 10, 10, 10, 10, 10, 10,

Enhanced radiation warhead Entrepreneurship 4, 88; 8, 160; 11, Environment 3, 142, 4, 1, 7, 15; 8, 37;	8, 49. 5, 181; 6, 124; 72, 81; 12, 29.
Environment 3, 142, 4, 1, 7, 15; 8, 37; Environmental test procedure	82; 6, 90, 270; 10, 48; 11, 72 3, 114
Forumes 2 17:4 11:5 10	10, 150.
Enzymes 2, 17; 4, 11; 5, 10 Epidemiological studies Epitaxial technology 2, 10 Epithermal neutrons	
Epoxy-based composites	6, 270; 7, 60 9, 44; 11, 66
Equivalent sheet current	12.71
Espionage Essay contest Etch back rate	8, 49 7, 43 11, 138
Etching process 4, 137; European Economic Commu	1, 138; 12, 44 inity 7, 36
European laser market	9, 85 8, 60
European Space Agency Eurotechnical Research Univ	7, 54 11, 39
Evaporative cooling Expansion coefficients	3, 83 11, 152
Explosive acoustic telemetry Export of U.S. technology	44 70
Excimer laser	3, 154; 5, 70
Exhibition of Inventions	2, 132 2, 46
Experiment control	9, 50, 51 2, 152
Expert computer systems 2,	62, 102; 4, 80 9, 112; 10, 43
Explosives Export controls 1, 54; 2, 70;	2, 248 4, 66; 7, 36, 42
Exposure limits	9, 52; 12, 45 1, 41
Extra vehicular activity Extra-column volume	1, 47 3, 138
Extraterrestrial civilizations	8, 97
F 40 Fishting Falses	4.54
F-16 Fighting Falcon Factoring large numbers	4, 51 5, 50
Faculty expansion Failure analysis of integrated Far-UV absorbance detector	7, 48
Far-UV absorbance detector	9, 104
Fast encoding and readout /	0, 138 9, 104 10, 88 ADC 10, 108 10, 39; 11, 33
Fast encoding and readout / Fast Flux Test Facility 8, 37; Fatigue 4, 100	10, 39; 11, 33 3; 8, 37; 9, 117
Fault detection	11, 65
Fault line Fault tolerance	8, 58
Fear of the unknown Federally funded R&D	9, 25 6, 59; 7, 52
Federal registration Feedback system	9, 31 12, 77
Female work force Fermi National Accelerator I	5, 113
10,	91; 11, 98, 106
Ferris wheel wind energy Ferromagnetic fluid	8, 68 7, 67
Ferromagnetic target Fiber optics 4, 61, 88; 6, 19	8, 110 8, 110 99, 214; 11, 88
Field emission devices Field-flow fractionation	8, 82 9, 116 pram 12, 3, 76
Finite-element software pro	
Fire hazard 2, 139; 4 Fire prevention 2, 139; 4, 4	7, 8, 100, 8, 42, 75
Fire-protective intumescent	
Fission breeder reactor	
Fission power Fixed-wave-length detector	
Fixed-wing aircraft Flake graphite	6, 159; 11, 66 5, 122
Flash-evaporation apparatu Flat-panel-matrix device	8 10, 121 3, 92; 11, 152
Fleeting lifetimes	10, 64
Flex-time Flight simulation	11, 15
Flow-injection system	10, 8
i in a single properties and single	9 5, 6 11, 6 4; 5, 68; 6, 16 7, 6
Fluid dynamics 3, 7 Fluid-filled electric motors	4; 5, 68; 6, 16 7, 6
Fluorescence flow-visualiza Fluoridation 4, 11, 1	tion 5, 6
Fluorescence flow-visualize Fluoridation 4, 11, 1 Fluorides 2, 17; 4, 188, 19 Fluorine 5, 68; Fluorescenic displays	tion 5, 6 88; 8, 154, 15 2; 7, 15; 8, 15 11, 138; 12, 4 6, 229; 10, 14
Fluorine 5, 68; Fluoroscopic displays	6, 229: 10, 14
riux-jump statomity	
Fly-back boosters Focusing monochromator	1, 8
Forbidden energy gap	2, 6
Ford Motor Co.	10, 87, 9 5, 18
Foreign competition Foreign gas detection	
Foreign policy 1, 53; 4, Forward canards	66; 5, 56; 9, 5 11, 6
Fossil fuels	1, 58; 6, 9 10, 6
Four-mirror array Four-wheel-drive vehicles	8.4
Fourier transform mass spe Fracture behavior	ctrometry 9, 4

1	Free elections 6, 305.
- 1	Free enterprise 1, 17: 4, 31.
	Free-flying platforms 5, 82.
- 1	Free market system 5, 181. Free radicals 4, 65: 7, 62.
- 1	Freon damage 4, 11.
- 1	Frequency inversion 1, 93.
	Frequency shift 6, 235.
9.	Friction 3, 50; 6, 78.
9;	Fringe benefits 11, 15. Fringe patterns 8, 3.
0:	Front-end processor 11, 106.
2.	Front-wheel-drive automobiles 5, 37,
4,	Frontiers of knowledge 6, 52
0.	Frontlighting 7, 50. Fuel 2, 139; 4, 51; 5, 105; 6, 213; 12, 35.
4	Fuel 2, 139; 4, 51; 5, 105; 6, 213; 12, 35. Fuel burnup capability 11, 33.
6.	Fuel cells 6, 277; 7, 64; 12, 50.
15.	Fuel consumption 2, 80, 3, 74, 125;
10;	6, 60, 74, 79,
6.	Fuel costs 2, 80; 5, 105; 6, 270.
19.	Fuel-injection system 3, 45; 9, 125.
13.	Fuel pin cladding tube 10, 39.
18.	Fuel test assembly 10, 39.
6;	Fundamental research 11, 47. Funds for R&D 1, 77, 151; 4, 51; 5, 84.
16:	Furnace heating 3, 86.
35.	
30.	Fusion power 2, 54; 6, 89, 277.
39.	Fusion research 2, 45, 50, 96, 102; 6, 129. Future scientific research 1, 17, 4, 80; 6, 17.
33.	Fusion power 2, 54; 6, 89, 277. Fusion research 2, 45, 50, 96, 102; 6, 129. Future scientific research 1, 17, 4, 80; 6, 17, 138; 7, 19.
52.	
33.	—G—
72.	GCA Corp. 10, 95.
32.	Galactic center 8, 93.
16.	
51.	Galactic sprinklers 8, 93; 11, 236.
52.	Galileo spacecraft 3, 45; 6, 162.
13	Gallium aluminum arsenide 6, 258. Gallium arsenide 2, 106, 183, 4, 62, 6, 62,
18.	201 255: 9, 62: 10, 98, 101: 12, 44
42;	
45.	Gallium arsenide rectifier 2, 106.
47.	Gallium arsenide Schottky power rectifier 10. 98.
38.	Game plans 5, 25
38.	Gamma radiation 2, 48; 3, 56; 6, 230; 8, 93;
	9, 39.
51	Gas chromatograph Gas motion Gas-phase chemistry 3, 86. 2, 178; 10, 91. 2, 60; 11, 138. 12, 43.
50.	Gas chromatograph 2, 178; 10, 91. Gas motion 2, 60; 11, 138.
48.	Gas-phase chemistry 12, 43.
38.	Gas-pull implosions 11, 45.
04;	Gas turbine 1, 41; 6, 219.
08.	Gas turbine 1, 41; 6, 219. Gasoline equivalent 12, 63. Gauge bosons 1, 100. Gel permeation chromatography 5, 103;
33.	Gel permeation chromatography 5, 103;
17.	Gel permeation chromatography 5, 103; 9, 90, 117. Gelman Sciences Inc. 9, 90, 117. Gelman Sciences Inc. 9, 44. Gene manipulation 5, 55, 108; 8, 177. 7, 52; 11, 230. Gene machines 5, 52, 11, 230. General Electric Co. 2, 2, 41; 10, 43, 92, 98; 24, 12, 12, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14
85. 47	Gelman Sciences Inc. 9, 44.
47. 58.	7. 52: 11. 230
25.	Gene machines 5, 106; 11, 230.
52.	General Electric Co. 2, 41;
31. 77.	Canatia control signals 8 179
13.	Genetic damage 2, 17; 4, 11.
-	Genetic damage 2, 17; 4, 11. Genetic engineering 1, 56; 5, 106; 6, 61, 129; 7, 36.
06.	
68. 67.	Geological formations 2, 92; 8, 96; 9, 85; 11, 47.
10.	Univ. of Georgia Mobile Agricultural
88.	Research Lab 5, 92.
82. 16.	Geosynchronous satellites 2, 54; 4, 87; 6, 161; 8, 19; 9, 43.
70.	6, 161; 8, 19; 9, 43. Geothermal energy 8, 44; 6, 213. Geren, Gerald 5, 41.
76.	
42;	Germanium 6, 202, 260. Giotto spacecraft 3, 78. Glass-sintering kinetics 11, 152. Glass-to-metal-sealing glass 10, 117.
05. 05.	Giotto spacecraft 3, 78. Glass-sintering kinetics 11, 152.
90.	Glass-to-metal-sealing glass 10, 117.
57.	Glass transition temperature 3, 116; 7, 62.
98. 66.	Global competitiveness 1, 50. Global tides 9, 39.
22	Global wind and wave information 9, 39:
21.	10, 47.
52.	I Goals for space 9. 49.
64. 15.	Goals for scientists 6, 68. Gold-ruthenium 1, 103.
80.	"Golden fleece" awards 6, 61.
84.	
D4.	
68.	"Golden fleece" awards 6, 61. Good, Mary 8, 42; 11, 47. Gossamer Albetroes 9, 76.
68. 62.	Gossamer Albatroes 9, 76. Gould Inc. 10, 133. Government funding 9, 55-6, 290-11, 72
68. 62. 61. 66.	Gould Inc. 10, 133. Government funding 3, 55; 6, 290; 11, 72.
68. 62. 61. 66. 68.	Gould Inc. 10, 133. Government funding 3, 55; 6, 290; 11, 72.
68. 62. 61. 66. 68.	Gould Inc. 10, 133. Government funding 3, 55; 6, 290; 11, 72.
68. 62. 61. 66. 68. 57. 57.	Gould Inc. 10, 133. Government funding 3, 55; 6, 290; 11, 72.
68. 62. 61. 66. 68. 57. 57. 44.	Gould Inc. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation 2, 121, 253; 6, 81. Government research 6, 80, 124; 10, 31. Grand unified Theories 5, 37; 9, 68; 12, 17. Grant requests 6, 88; 11, 231.
68. 62. 61. 66. 68. 57. 57. 44. 43. 05.	Gould Inc. 19, 133. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation 2, 121, 253; 6, 81. Government research 8, 80, 124; 19, 31. Grand unified Theories 5, 37; 9, 68; 12, 17. Grant requests 6, 88; 11, 23. Graphite fillers 5, 49, 88, 118, 9, 76;
68. 62. 61. 66. 68. 57. 57. 44. 43. 05.	Gould Inc. 19, 133. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation 2, 121, 253; 6, 81. Government research 8, 80, 124; 19, 31. Grand unified Theories 5, 37; 9, 68; 12, 17. Grant requests 6, 88; 11, 23. Graphite fillers 5, 49, 88, 118, 9, 76;
68. 62. 61. 66. 68. 57. 44. 43. 05. 58. 80. 60.	Gould Inc. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Grand unified Theories 5, 27; 9, 68; 12, 231. Grand unified Theories 5, 37; 9, 68; 12, 231. Grand trequests Graphite fillers 5, 49, 88, 118, 9, 78; 11, 68. Graphite composite 9, 78; 11, 68. Grapping methods
68. 62. 61. 66. 68. 57. 57. 44. 43. 05. 58. 80. 60. 88.	Gould Inc. Government funding 3, 55: 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124: 16, 31. Grand unified Theories 5, 37; 9, 68; 12, 17. Grant requests Graphite liters 5, 49, 88, 118, 9, 76. Graphite liters 5, 49, 88, 118, 9, 76. Graphite composite 5, 49, 88, 119: 9, 76, 11, 68. Grapping methods Gravitational equilibrium point 2, 48.
68. 62. 61. 66. 68. 57. 57. 44. 43. 05. 58. 80. 80. 88. 98.	Gould Inc. Government funding 3, 55: 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124; 10, 31. Grand unified Theories 5, 37: 9, 68: 12, 231. Graphite filters 5, 49, 88, 118, 231. Graphite filters 5, 49, 88, 118, 9, 76: 11, 66. Graphite composite 5, 49, 88, 119, 97: 11, 66. Graphing methods 7, 56, 56, 56, 56, 56, 56, 56, 56, 56, 56
68. 62. 61. 66. 68. 57. 57. 44. 43. 05. 58. 80. 60. 88. 98.	Gould Inc. Government funding 3, 55: 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124; 10, 31. Grand unified Theories 5, 37: 9, 68: 12, 231. Graphite filters 5, 49, 88, 118, 231. Graphite filters 5, 49, 88, 118, 9, 76: 11, 66. Graphite composite 5, 49, 88, 119, 97: 11, 66. Graphing methods 7, 56, 56, 56, 56, 56, 56, 56, 56, 56, 56
68. 62. 61. 66. 68. 57. 57. 44. 43. 05. 80. 80. 88. 98. 81. 52.	Gould Inc. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124; 10, 31. Grand unified Theories 5, 37; 9, 68; 12, 231. Graphite filters 5, 49, 88, 118, 231. Graphite filters 5, 49, 88, 118, 9, 78; 11, 66. Graphite composite 5, 49, 88, 119; 9, 76; 11, 66. Graphing methods Graphite composite 5, 49, 88, 19; 11, 66. Graphite composite 5, 49, 88, 19; 11, 66. Graphing methods Graphite composite 6, 49, 68; 11, 12, 12, 12, 12, 12, 12, 12, 12, 12,
68. 62. 61. 66. 57. 57. 44. 43. 05. 58. 80. 60. 88. 98. 81. 52. 54. 66.	Gould Inc. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124; 10, 31. Grand unified Theories 5, 37; 9, 68; 12, 231. Graphite filters 5, 49, 88, 118, 231. Graphite filters 5, 49, 88, 118, 9, 78; 11, 66. Graphite composite 5, 49, 88, 119; 9, 76; 11, 66. Graphing methods Graphite composite 5, 49, 88, 19; 11, 66. Graphite composite 5, 49, 88, 19; 11, 66. Graphing methods Graphite composite 6, 49, 68; 11, 12, 12, 12, 12, 12, 12, 12, 12, 12,
68. 62. 61. 66. 68. 57. 57. 44. 43. 05. 58. 80. 80. 88. 98. 81. 52. 54. 66. 90.	Gould Inc. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124; 10, 31. Grand unified Theories 5, 37; 9, 68; 12, 231. Graphite filters 5, 49, 88, 118, 231. Graphite filters 5, 49, 88, 118, 9, 78; 11, 66. Graphite composite 5, 49, 88, 119; 9, 76; 11, 66. Graphing methods Graphite composite 5, 49, 88, 19; 11, 66. Graphite composite 5, 49, 88, 19; 11, 66. Graphing methods Graphite composite 6, 49, 68; 11, 12, 12, 12, 12, 12, 12, 12, 12, 12,
68. 62. 61. 66. 68. 57. 57. 44. 43. 05. 58. 80. 88. 98. 81. 52. 54. 66.	Gould Inc. Government funding 3, 55; 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124; 10, 31. Grand unified Theories 5, 37; 9, 68; 12, 17. Grant requests 6, 68; 11, 231. Graphite filters 5, 49, 88, 118, 231. Graphite inliers 5, 49, 88, 118, 78, 11, 68. Graphite composite 5, 49, 88, 118, 76; 11, 68. Gravitational equilibrium point 2, 45, 5, 66. Gravitational equilibrium point 2, 45, 678; 78, 78, 78, 78, 78, 78, 78, 78, 78, 78,
68. 62. 61. 66. 68. 57. 57. 44. 43. 05. 58. 80. 80. 88. 98. 81. 52. 54. 66. 90.	Gould Inc. Government funding 3, 55: 6, 290; 11, 72. Government-industry cooperation Government-industry cooperation Government research 6, 80, 124; 16, 31. Grand unified Theories 5, 37; 9, 68; 12, 17. Grant requests 5, 39, 88, 118, 9, 76; Graphite liters 5, 49, 88, 118, 9, 76; Graphite composite 7, 76, 15, 88, 118, 9, 94, 118, 118, 118, 118, 118, 118, 118, 11

		-			
-	-	ы.	-	 -	-

1 6	Guarded hot plate Guinier texture method Guifistream II	4, 128. 8, 110.
1	Sulton Industries Inc. Syroscopes	2, 82. 10, 114. 5, 51
П	—H—	
1	fall-wave retarder	8, 101.
1 2	riali mobilities	2, 186.
1:	ialley's comet 3, 3	8; 6, 162.
1:	talogen lamp tamamatsu Photonics K.K.	10, 108.
Li	tazardous chemicals 5,	50: 8, 75.
1	lazardous gas monitor	10, 108. 50; 8, 75. 10, 102.
1:	Pazaroous liquids 4.	38,0,75.
Li	lazards 2, 248; 5, 50; 6, 1 leadspace sampler	10, 91.
li	Health effects 5, 50; 1	10, 48, 53.
1 !	Hearing aid	5, 74. 8, 65.
H	Heat capacity Heat-conductive, electrically resis	Al.
L.	caramics	10, 117.
1	Heat-exchanger 2, 68; 6, 2	217; 7, 31.
H	Heat flux 4, 1 Heat loss 6,	130; 6, 96. 78; 8, 41.
Li	Heat storage projects	7, 42.
1 !	leat transfer 1, 41; 3, 71; 8, 6	65; 11, 62.
11	Heavy isotopes Heavy-lift bocsters 2, 5	3, 83. 53; 10, 47.
i	Heavy nucleus	6, 90.
1:	Helicopter rotor	2, 48. 215; 8 , 65.
15	Helium 6, 89; 11, 39, 98,	215; 8 , 65. , 130, 146.
1	melium mass spectrometer 11,	130, 140,
	Hermetic seals	11, 130. 83; 6 , 258.
li		
13	Howlett-Packard Co. 18 8	
П	High-energy collision 2, 10	8; 11, 106. 97; 2, 102; 0; 11, 106.
П	High-energy physics 1, 48, 5, 78; 6, 53, 215; 10, 5; High-energy-range spectrometer	0; 11, 106.
	High-energy-range spectrometer	3, 78. 9, 110.
П	High-level language High pressure sodium lighting 1, High-R guarded hot plate	147-4 76
	High-R guarded hot plate	4, 130.
	High-speed data transfer 4,	00, 6, 202.
1	High technology 2, 95, 120; 5	11, 72,
	High technology companies 1, 49	, 64; 5, 41;
	High technology exports	11, 81. 5, 56.
	High technology future 6.	58; 9, 196.
П	High-technology goods 2, 70; 4	, 70; 5, 56;
L	High-tech research initiatives	12, 39. 4, 88.
	High-temperature IR cell	2, 162.
П	High-temperature polymers 6, 1	24; 11, 66. 11, 3, 146.
	High-vacuum tool High-velocity stars	8, 95.
П	High-voltage, high-power switch	
	circuit High-voltage integrated circuits	10, 98. 7, 31.
	High-voltage power lines	10, 48.
	Historical mystery	10, 48. 9, 19. 5, 183. , 117, 130. 10, 84, 87.
П	History of science Hitachi Ltd. 10, 114	. 117, 130.
	HNU Systems Inc.	10, 84, 87.
	Holographic fringes Holographic 3-D pictures	11, 53.
-1	Holographic window hims	11, 53. 6, 18, 121;
	Holography 1, 37; 2, 173; 3, 50;	6, 18, 121; 11, 45, 53. 2, 186.
П	Homo-epitaxial GaAs growth	2, 186.
	Honeywell Inc.	2, 186. 10, 101. 11, 47.
	Horizontal acceleration Horizontal-takeoff-&-land vehicle	10, 101. 11, 47. 11, 58.
1	Host organism 5, 1	11, 47. 11, 58. 06; 6, 177.
	Hot electron bolometer heterody	ne
	system Hot-plate calibration	2, 55. 4, 130. 10, 130. 7, 36; 8, 66.
	Hot-wire air-flow meter Hubble Space Telescope 7	10, 130. 7, 36; 8, 66.
	Hubble Space Telescope 7 Human capital	, 36; 8, 66. 4, 88.
	Human growth hormones	
	Human powered flight	. 8, 48.
	Human reasoning 2, 1	02; 8, 152. 11, 50.
1	Humidification	9, 124.
	Humor in the sciences Hybrid diode	5, 183. 9, 50.
	Hybrid helicopter	9, 50. 6, 159. 8, 82.
1	Hybrid surface-analysis system Hybrid wiggler	
	Hydraulic system 2	2, 79: 7, 50.
	Hydrocarbon contamination	9, 133.
	Hydrodynamics Hydrogen 5, 17; 6, 89, 2	218: 11, 39.
	Hydrogen fusion	6, 277.
1	Hypersonics Hysteresis loops	6, 277. 8, 110.
	- ryunarasia roupa	e, 110.
	- -	
	Ice age	4, 192. 2, 91. 4, 108. 2, 70.
	Iceberg melting	2, 91.
	Ideal critical diameter Illegal diversion	2, 70.
	Illegal diversion Illinois Toxic Substances Disclo	sure
	to Employe Act	8, 11.

()
Image acquisition system 10, 108; 12, 56. Image digitizer 10, 143.
Image processing 2, 48, 79; 6, 231. Image processing 2, 48, 79; 6, 232; 10, 144.
Immunoassay system 10, 92.
Impact dynamics 9, 80; 11, 66; 12, 60. Impact strengths 3, 150; 6, 270; 11, 66. Impact testing machine 3, 114.
impedance sensor 12, 64. Impurity levels 3, 153.
In-core detector assembly 10, 129. In-plane magnetization 8, 110.
Incipient quench 11, 106.
Indium antimonide detectors 4, 47.
Indium foil 12, 35. Individualized workweet 11, 15. Industrial espionage 1, 92. Industrial policy 1, 49: 2, 120, 253, 256.
11. 72.
Industrial research 1, 11; 6, 272; 11, 81, 86. Industrial Research Institute Medal 8, 41. Industrial research laboratories 3, 142.
Industrial robots 2, 76, 79; 6, 243; 10, 48;
Industry-academic cooperation 1, 50; 6, 58; 11, 72, 12, 35. Industry-supported research 1, 11, 78.
Inflation 9, 91, 9, 50.
Inflationary universe 12, 17. Information center 4, 51. Information density 8, 107.
systems 7, 35; 8, 37.
Infrared Astronomical Satellite 2, 60; 3, 17.
Infrared detection system 4, 47, 11, 130. Infrared-transmitting materials 11, 130. Infringements 2, 33; 4, 39; 6, 39; 7, 23; 8, 31; 9, 31. In-house processes 11, 27.
Innovation 4 88 9 192 11 72
Input coupler 2, 76. Insect growth regulator 10, 105.
Inspection robot 12, 39.
Instrument availability 11, 231.
Insulated gate transistor 2, 41. Insulation properties 12, 52. Insulating windows 4, 51.
Intellectual property rights 7, 23; 12, 29.
Intelligence community 5, 79. Intelligent device 11, 46. Intelsat 9, 51.
Intensive care 3, 49. Interactive learning environment 1, 98.
Interagency disputes 2, 70. Interconnect companies 1, 74. Interest rates 2, 121; 11, 72.
Interferon 6, 178; 7, 11. Interior profile scanner 10, 118.
Internal combustion engine 2, 60; 6, 219. Internal review 11, 86. Internal streetscape 5, 92.
International competition 2, 120; 6, 57. International cooperation 10, 47.
Interpenetrating networks 6, 271. Interplanetary physics lab 2, 45. Interstellar gas 2, 60.
Intracellular recovery 5, 102. Investigator initiative 6, 61.
Investments 2, 120; 5, 11; 6, 80. Ion beams 6, 256; 9, 50, 68. Ion bombardment 11, 130. Ion box voltage 11, 146.
lon chromatography 3, 135; 9, 96.
Ion engine 11 AS
ion implantation 3, 156; 3, 41; 6, 25/; 1
Ion milling 5, 128.
7, 48: 10, 56, 77, 83, 144; 11, 40, 62, 98:
12, 58, 64, 122. IRT Corp. 10, 133. Isobestic points 4, 122.
—J, K—
Japanese competition 7, 52. Japanese system of R&D 6, 68.
Jarrett water-triple-point cells 4, 129. Jeffrey Mining Machinery Div. 10, 126.
Joining methods 11, 130. Joint R&D 1, 42; 5, 66; 12, 35, 39. Jominy end quench hardenability 4, 108.

	l
Josephson Effect 2, 56.	l
Jupiter 3, 45. Krypton fluoride laser 2, 96.	l
Krypton ion laser 5, 68.	l
Labcon Central Conference & Exhibition	ŀ
5, 72; 8, 85. Laboratory automation system 11, 81. Laboratory data 4, 120; 10, 154. Laboratory design 3, 142.	١
Laboratory of the Year 1, 68; 5, 3, 92;	l
11, 62; 12, 58, 64. Lab support areas 12, 82. Lacquer 5, 37.	ı
Lambda oxygen analyzer 10, 87. Laminar air flow 6, 159; 8, 41.	ı
Landsat 6, 159; 10, 47.	ı
Language patterns 11, 50. Large-area avalanche unotodiode 10, 130.	١
Large assess applications 44 450	ı
8, 37, 60: 12, 44.	I
Laser beams 4, 66; 6, 92; 7, 44; 10, 68.	l
Laser compression 2, 96. Laser excitation 5, 70; 12, 43.	ı
Laser fluorescence spectroscopy 3, 153; 5, 68; 10, 54.	١
Laser lab 10, 64.	I
Laser probes 2, 60. Laser Raman spectroscopy 10, 64; 12, 43. Laser velocimetry 12, 43.	١
Laser velocimetry 12, 43. Latex microspheres 10, 47. Launch services 9, 50.	ı
Launch vehicle 10, 47; 11, 58. Law & technology 11, 39.	I
Lawrence Berkeley Laboratory 10, 87, 105. Lead poisoning 1, 152.	I
LeCroy Research Systems Corp. 10, 113.	ı
Leith, Emmet 3, 50. Leptons 9, 68; 11, 98.	I
Lethal gases 5, 49. Leveraged buy-outs 7, 23.	Į
Licensing 3, 39; 4, 61, 70; 5, 56; 8, 31; 9, 31, 53, 56; 12, 45.	1
Light bursts 8, 60. Light emitting diodes 3, 92; 6, 201; 8, 60. Light pollution 4, 76.	1
Light pollution 4, 76. Light scoop 5, 97. Light water reactor 4, 60; 10, 60.	
Lignin 2, 92.	1
Linear actuator 12, 72. Linear regression 4, 95.	1
Liquid carriers for tissue culture 10, 92. Liquid crystal color shutter display 8, 100.	
Liquid-membrane oxygen enrichment 10, 125.	
Liquid polybutadiene 5, 121. Liquid sodium 8, 65.	١
Lithium-aluminum/iron sulfide cells Lithium/sulfur dioxide cells Local-area networks 4, 88; 11, 106. Localized computing 2, 150.	
Lithium/sulfur dioxide cells 3, 45, Local-area networks 4, 88:11, 106, Localized computing 2, 150, Locking wheels 5, 37. Locomotive engineers 8, 42	
Locomotive engineers 8, 42. Logical segmentation 3, 62.	
Long-distance communications 1, 73.	
Longevity 5, 115.	
Los Alamos National Laboratory 2, 45;	
Loss of Fluid Test Facility 4, 52; 9, 39. Low-background planchet counter 10, 130.	
Low-background planchet counter 10, 130. Low-Earth orbit 2, 53; 7, 56; 11, 58. Low-energy neutral-atom spectrometer 6, 92.	
Low-frequency noise 9, 44.	
Low-gravity orbit 5 84	
Low-pressure endium hulbs 4 76	
Low-velocity spray 9, 125. Lubricity 1, 103; 5, 122; 6, 269. Luminosity 11, 108.	
—M—	
Magi 3, 3: 9, 19.	
Magma genesis 9, 44. Magnetic anisotropy 8, 108.	
Magnetic anisotropy Magnetic bubble memory Magnetic circuit reluctance Magnetic confinement 3, 108; 6, 96.	
Magnetic drag	
Magnetic fields 3, 104; 4, 102; 5, 51; 6, 93; 8 109; 9 50; 10 49; 11 08; 12 3 78	
Magnetic flux 3, 104; 6, 76; 7, 66.	
Magnetic insertion device 1, 48. Magnetic levitation 6, 75. Magnetic mirror 6, 93.	

Agnetic monopole 1, 98 Agnetic resonance imaging	; 5, 37; 9, 68. 6, 230.
fagnetic sector mass spectro	meter 3, 154.
Magnetic separator Magnetism 4,	52· K. 37. 41.
Magnetization 4, 104; 5, 51; 6	, 234; 8, 110; 12, 71.
Agnetron ion etcher	10, 134
Magnetron sputtering Maiman, Theodore H.	8, 107. 4, 61.
Male-female salary difference	
Man-machine interaction Man-made comet	11, 39.
fanagement style fanipulator arm	11, 81.
Manned colonies	5, 86. 5, 79.
Manned expedition to Mars Manned military space station	6, 158.
	0, 47; 11, 58.
Aanufacturability Aanufacturing processes	11, 86. 4, 80; 11, 27.
Nanufacturing production per	
Nanufacturing research center Nariculture	10, 31. i, 105; 8, 157.
Aarket penetration	1, 105; 8, 157. 1, 21; 12, 23.
Aarketing-laboratory interacti Aarket research	11, 81, 86,
Aarket strategy Aass reduction	11, 81.
Aass spectrometer 3, 78.	153; 11, 146.
Aassey, Walter Aasters program	5, 41. 10, 43. 2, 128. 6, 258.
Naterials acceptance	2, 128.
Aaterials engineering Aaterials fabrication	6, 258. 2, 84; 6, 272.
Aaterials hot line	12, 39.
Material innovations Material loss	12 46
Materials processing 6, 19 Materials Research Corp.	51; 9, 49, 187. 10, 134.
Materials Research Society	
Materials separations Mathematics research	9, 116.
Matsushita Electric Industrial	Corp. 10, 101.
Maximum energy level McGraw-Edison Co.	6, 57; 11, 72. Corp. 10, 101. 11, 106. 10, 105.
Mechanical sector scanner	6, 235.
Mechanical testing Median droplet diameter	2, 170. 9, 125.
Median salaries in R&D	3, 100.
Medical imaging 4, 136; 5, 5 Medical-legal questions	11, 39.
Medium-bandwidth oscillosco	pe 3, 128.
Medtronic Inc. Metted diamond	10, 92. 10, 49.
Membrane separation techno	logy
Mercury	5 52 103
Mercury Mercury-cadmium-telluride	5 52 103
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury vapor lights	5, 52, 103. 6, 158. 3, 88. 3, 88. 4, 76.
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury vapor lights Mesoms Metal bonding	5, 52, 103. 6, 158. 3, 88. 3, 88.
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal faticus	5, 52, 103. 6, 158. 3, 88. 3, 88. 4, 76. 11, 98. 8, 54. 12, 60.
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury appor lights Mescals Mescals Metal bonding Metal fatigue Metal matrix composites Metal-oranic chemical yapo	5, 52, 103. 6, 158. 3, 88. 4, 76. 11, 98. 8, 54. 12, 60. 6, 124.
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury vapor lights Mesces Mestal bonding Metal fatigue Metal instruction composites Metal-organic chemical vapo Metal-organic chemical vapo	5, 52, 103. 6, 158. 3, 88. 3, 88. 4, 76. 11, 98. 8, 54. 12, 60. 6, 124. deposition 6, 258; 8, 60.
Mercury verdinum-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal fattigue Metal matrix composites Metal-organic chemical vapor 2, 183 Metal-oxide-semiconductor fi transistor	5, 52, 103. 6, 158. 3, 88. 3, 88. 4, 76. 11, 98. 8, 54. 12, 60. 6, 124. r deposition 6, 258; 8, 60. eld-effect
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor Metal-oxide-semiconductor	5, 52, 103. 6, 158. 3, 88. 4, 76. 11, 98. 8, 54. 12, 60. 6, 124. deposition 6, 258; 8, 60. eld-effect 6, 257. edthrough
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury vapor lights Mescans Metal Bonding Metal fatigue Metal matrix composites Metal-organic chemical vapo 2, 183 Metal-oxide-semiconductor fi transistor Metal-io-ceramic electrical fe	5, 52, 103, 6, 158, 3, 88, 3, 88, 4, 76, 11, 98, 8, 54, 12, 60, 6, 124, r deposition 6, 258; 8, 60, eld-effect 6, 258; 8, 60, eld-frect 11, 130, 12, 60,
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Wetal Bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor fi Metal-oxide-semiconductor fi transistor Metal-lo-ceramic electrical fe Metallograph Metallurgical bond Metalalogical bond Metalalogical bond Metalalogical bond Metalalogical bond Methanol fuel	5, 52, 103, 8, 158, 3, 88, 3, 88, 4, 76, 11, 98, 6, 54, 12, 60, 6, 124, deposition 6, 258; 8, 60, eld-effect 2, 257, edithrough 11, 130, 12, 60, 11, 130, 12, 63, 64, 65, 65, 66, 66, 67, 67, 67, 67, 67, 67, 67, 67
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal fatigue Metal matrix composites Metal-oxide-semicola vapo Metal-oxide-semiconductor if transistor Metal-to-ceramic electrical fe Metal-to-ceramic electrical fe Metal-diffusion fuel	5, 52, 103, 8, 158, 3, 88, 3, 88, 4, 76, 11, 98, 8, 54, 12, 60, 6, 124, deposition (6, 258; 8, 60, 61, 12, 60, 11, 130, 12, 60, 11, 130, 12, 63, 9, 80; 12, 63, 9, 80; 12, 63,
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Wetal Bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor fi Metal-oxide-semiconductor fi transistor Metal-lo-ceramic electrical fe Metallograph Metallurgical bond Metalalogical bond Metalalogical bond Metalalogical bond Metalalogical bond Methanol fuel	5, 52, 103, 3, 88, 3, 88, 3, 88, 4, 76, 11, 98, 8, 54, 12, 60, 6, 124, 60, 6, 258; 8, 60, eld-effect 6, 257, edthrough 12, 60, 11, 130, 12, 63, 11, 130, 12, 63, 19, 81, 192; 19, 43, 43
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Wetal Bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor fransistor Metal-locaranic electrical fe Metaliograph Metalilurgical bond Metaliograph Metalilurgical is bond Metalional signification Metaliograph Metalilurgical is ond Metalicorelectronics Metalicorelectronic	5, 52, 103, 3, 88, 3, 88, 3, 88, 4, 76, 11, 98, 8, 54, 12, 60, 6, 124, 60, 6, 258; 8, 60, eld-effect 6, 257, edthrough 12, 60, 11, 130, 12, 63, 11, 130, 12, 63, 19, 81, 192; 19, 43, 43
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Wetal Bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor fi transistor Metal-locaranic electrical fe Metaliograph Metalilograph Metali	5, 52, 103, 3, 88, 3, 88, 3, 88, 4, 76, 11, 98, 8, 54, 12, 60, 6, 124, 60, 6, 258; 8, 60, eld-effect 6, 257, edthrough 12, 60, 11, 130, 12, 63, 11, 130, 12, 63, 19, 81, 192; 19, 43, 43
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal fatigue Metal attigue Metal attigue Metal attigue Metal-oxide-semicoal vapo Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metallograph Metallurgical Metallograph Metallurgical Metallograph Metallo	5, 52, 103, 3, 88, 3, 88, 3, 88, 4, 76, 11, 98, 8, 54, 12, 60, 6, 124, 60, 124, 60, 124, 60, 11, 130, 12, 60, 11, 130, 12, 63, 8, 80; 12, 60, 8, 192; 12, 63, 8, 192; 12, 63, 8, 192; 12, 63, 6, 192; 12, 63, 6, 192; 12, 63
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Wetal Bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor fi transistor Metal-locaranic electrical fe Metaliograph Metalilograph Metali	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 54, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 258, 8, 80, 61, 11, 190, 8, 192, 12, 60, 8, 192, 12, 60, 7, 54, 14, 14, 19, 47, smission
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal fatigue Metal attigue Metal attigue Metal-oxide-semicoal vapo Metal-oxide-semicoal vapo Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metal-oxide-semicoal Metallograph Metallurgical bond Metallurgical Metallograph Metallurgical Metallograph Metallurgical Metallograph Metallurgical Metallograph Metallurgical Metallograph Metallurgical Metall	5, 52, 103, 3, 88, 3, 88, 4, 76, 11, 98, 8, 54, 12, 60, 6, 124, 12, 60, 11, 130, 11, 130, 12, 63, 12, 63, 12, 63, 14, 14, 14, 15, 55, 103, 7, 54, 4, 114, 3mission 27, 37, 54, 116, 47, 3mission 27, 57, 58, 103, 10, 47, 5mission 27, 57, 58, 103, 47, 114, 114, 114, 114, 114, 114, 114,
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Mestal bonding Metal fatigue Metal matrix composites Metal-oxide-semicolal vapo 2, 183 Metal-oxide-semiconductor framsistor Metal-lorance ceramic electrical fe Metallograph Metallurgical bond Methanol fuel Microcracks Microefectronics esearch ce Microfiltration Microgravity environment Microscope stage control Microscope stage Microwave over-horizon trans Microwave symposium Microwave symposium Microwave symposium	5, 52, 103, 3, 88, 3, 88, 4, 76, 11, 98, 4, 76, 11, 98, 54, 12, 60, 6, 124, 60, 257, edthrough 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 14, 10, 47, 75, 155, 103, 7, 54, 4, 114, 10, 47, smission 6, 277, 2, 48, 6, 29, 48, 6, 15, 103, 104, 104, 104, 104, 104, 104, 104, 104
Wercury Wercury-cadmium-telluride Wercury diffusion Wercury diffusion Wercury diffusion Wercury vapor lights Wescens Westal British Westal fatigue Westal martix composites Westal Positish Westal-oxide-semicolatuotor fransistor Westal-oxide-semiconductor fransistor Westal-to-ceramic electrical fe Westallograph Westallurgical bond Westal-to-ceramic electrical fe Westallograph Westallurgical bond Westallurgical bond Westallurgical bond Westallurgical bond Westallurgical bond Wilderoelectronics esearch ce Wilderoelectronics esearch ce Wilderogravity environment Wilcroscope stage control Wilcrosphares Wilcrowave over-horizon trans Wilcrowave over-horizon Willitary R&D Willitary statellites	5, 52, 103, 3, 88, 4, 76, 11, 98, 4, 77, 11, 98, 54, 12, 60, 6, 124, 12, 60, 124, 14, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 14, 130, 12, 60, 14, 130, 14, 15, 55, 103, 101, 12, 60, 14, 114, 19, 47, 57, 54, 48, 114, 19, 47, 57, 58, 49, 122, 104, 10, 47, 57, 58, 49, 122, 104, 10, 47, 58, 49, 122, 48, 49, 124, 45, 57, 59, 51, 103, 104, 104, 104, 104, 104, 104, 104, 104
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Metal bonding Metal fatigue Metal attigue Metal attigue Metal matrix composites Metal-oxide-semicolal vapo Metal-oxide-semiconductor in transistor Metal-lograph Metal-ocaranic electrical fe Metallograph Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Microelectronics 3, 124 Microelectronics 4, 52; Microelectronics Microelectroni	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 54, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 14, 12, 60, 11, 190, 11, 190, 11, 190, 11, 190, 11, 190, 11, 190, 11, 190, 11, 190, 11, 190, 11, 190, 11, 190, 190
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal fatigue Metal attigue Metal attigue Metal matrix composites Metal-oxide-semicoal vapo Metal-oxide-semiconductor in transistor Metal-lorgaph Metal-lorgaph Metal-organic chemical electrical fe Metallograph Microelectronica	5, 52, 103, 3, 88, 4, 76, 11, 98, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 130, 12, 60, 130, 12, 60, 130, 12, 60, 130, 12, 60, 130, 130, 14, 130, 14, 130, 14, 130, 14, 130, 14, 130, 14, 130, 14, 130, 14, 14, 14, 14, 15, 15, 16, 17, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18
Mercury Mercury-cadmium-teiluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal fatigue Metal attigue Metal attigue Metal attigue Metal attigue Metal attigue Metal-oxide-semicolaluctor in fransistor Metal-oxide-semiconductor in fransistor Metallograph Metallurgical bond Metallurgical bond Metallurgical bond Methanol fuel Microcacks 3, 124 Microelectronics 4, 125 Microelectronics research ce Micrograph Micrograph Micrograph Micrograph Micrograph Micrograph Micrograph Micrograph Micrograph Militarization Micrograph Militarization Militarization Miniatur space station Miniatur attor Miniatur space station Miniatur space space station Miniatur space spac	5, 52, 103, 3, 88, 4, 76, 11, 98, 4, 76, 11, 98, 6, 124, 12, 60, 124, 14, 16, 16, 124, 16, 16, 124, 16, 16, 124, 16, 16, 124, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Metal bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor fi transistor Metal-local electrical fe Metal-local electrical fe Metallograph Metallurgical bond Metallurgical bond Metallurgical bond Metallograph Metallurgical bond Metallograph Metallurgical bond Metallograph Metallurgical bond Metallograph Metallurgical bond Millerosphers Microsphers Microwave symposium Millerosphers Microwave over-horizon trans Microwave symposium Milliary satellities Milligy Way Milliary satellities Milligy Way Milliary satellities Milligy Milliary satellities Milligy Milliary satellities Milligy Milliary satellities Milliary satelliti	5, 52, 103, 3, 88, 3, 88, 4, 76, 11, 98, 4, 76, 11, 796, 12, 60, 124, 60, 124, 60, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 14, 10, 47, 67, 155, 103, 106, 27, 2, 48, 4, 114, 10, 47, 67, 131, 510, 12, 67, 67, 14, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescans Mescans Metal bonding Metal fatigue Metal matrix composites Metal-oxide-semiconductor framsistor Metal-oxide-semiconductor framsistor Metal-local ceramic electrical fe Metallograph Metallurgical bond Methanol fuel Microcracks Microefectronics research ce Microfitration Microfitration Microfitration Microgravity environment Microscope stage control Microspherse Microwave symposium Microwave symposium Microwave over-horizon trans Microwave over-horizon trans Microwave over-horizon Miniature space station Miniature in the microspherse Mirror confinement Mobile command post Mobile command post Mobile command post	5, 52, 103, 3, 88, 3, 88, 4, 76, 11, 98, 4, 76, 11, 796, 12, 60, 124, 60, 124, 60, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 14, 10, 47, 67, 155, 103, 106, 27, 2, 48, 4, 114, 10, 47, 67, 131, 510, 12, 67, 67, 14, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal fatigue Metal attigue Metal attigue Metal attigue Metal attigue Metal-oxide-semicolauctor in transistor Metal-oxide-semiconductor in transistor Metal-oxide-semiconductor in transistor Metallograph Metallurgical bond Microreles Microreles Microreles Microreles Microreles Microreles Military Rad Military Rad Military Rad Military satellities Military Militar	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal distiput Metal distiput Metal-oxide-semicolal vapo Metal-oxide-semicolal Microgravity environment Microgravity environment Microgravity environment Microgravity environment Microgravity environment Microgravity environment Microgravity satellites Microgravity satellites Military Rado Military satellites Military Satellit	5, 52, 103, 3, 88, 4, 76, 11, 98, 4, 76, 11, 98, 6, 124, 12, 60, 124, 14, 16, 16, 12, 16, 17, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 19, 12, 19, 43, 11, 130, 47, 30, 18, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal fatigue Metal attigue Metal attigue Metal attigue Metal attigue Metal attigue Metal-oxide-semicolauctor if transistor Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor if transistor Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Methanol fuel Microcacks 3, 124 Microelectronics research ce Microgravity environment Microgravity environme	5, 52, 103, 3, 88, 4, 76, 11, 98, 8, 12, 100, 11, 98, 6, 124, 12, 60, 6, 258, 8, 80, 12, 60, 12, 60, 12, 60, 12, 60, 12, 60, 12, 60, 8, 192; 10, 43, 11, 10, 47, 10, 47, 10, 47, 10, 47, 10, 47, 10, 47, 11, 10, 47, 11, 10, 47, 11, 10, 47, 11, 10, 47, 11, 10, 47, 11, 10, 47, 11, 10, 47, 11, 10, 47, 11, 10, 47, 11, 11, 10, 47, 11, 11, 11, 11, 11, 11, 11, 11, 11, 1
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal training Metal training Metal training Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor Metal-oxide-semiconductor Metal-oxide-semiconductor Micrograph Military satellites Military satellites Military satellites Military Military satellites Military M	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 12, 63, 14, 16, 17, 18, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Mescens Metal bonding Metal training Metal training Metal-oxide-semicoal vapo Metal-oxide-semicoal vapo Metal-oxide-semiconductor in transistor Metal-oxide-semiconductor Metal-oxide-semiconductor Metal-oxide-semiconductor Microractor Mic	5, 52, 103, 3, 88, 4, 76, 11, 98, 8, 12, 103, 11, 98, 6, 124, 12, 60, 6, 128, 12, 60, 12, 63, 12, 60, 12, 63, 12, 60, 12, 63, 14, 15, 16, 16, 17, 18, 19, 19, 19, 19, 11, 18, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal fatigue Metal attigue Metal attigue Metal attigue Metal attigue Metal attigue Metal-oxide-semiconductor in transistor Metal-oxide-semiconductor in transistor Metal-oxide-semiconductor in transistor Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Methanol fuel Microrackis Microrackis Microrackis Microrackis Microfiltration Microgravity environment Microg	5, 52, 103, 3, 88, 4, 76, 11, 98, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 14, 14, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal fatigue Metal attigue Metal attigue Metal attigue Metal attigue Metal attigue Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor if transistor Metallurgical bond Metallurgical bond Metallurgical bond Metallurgical bond Methanol fuel Microcacks 3, 124 Microelectronics research ce Microgravity environment Microgravity env	5, 52, 103, 3, 88, 4, 76, 11, 98, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 124, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Mescens Metal bonding Metal taitgue Metal attigue Metal attigue Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor Mercoracis	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 10, 10, 11, 10, 10, 10, 10, 10, 10, 10
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Mescens Metal bonding Metal fatigue Metal fatigue Metal attigue Metal attigue Metal attigue Metal attigue Metal des mercury Metal des metal vapo Metal-oxide-semiconductor in transistor Metal-oxide-semiconductor in transistor Metallograph Microelectronics \$ 1, 22 Microelectronics \$ 52; Microelectronics research ce Microelectronics research ce Microelectronics research ce Microelectronics research ce Microelectronics Microelectronics Microelectronics Microelectronics Microelectronics Microelectronics Military Rabo Military satellites Milita	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal fatigue Metal fatigue Metal attigue Metal attigue Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor if transistor Metallograph Microsepes stage control Microspheres Microsepes stage control Microspheres Microwave over-horizon trans Microwave over-horizon Micr	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 54, 12, 60, 6, 124, 60, 124, 60, 124, 60, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 14, 11, 14, 15, 12, 14, 16, 16, 16, 16, 16, 17, 17, 11, 14, 18, 16, 16, 17, 17, 11, 14, 18, 16, 16, 17, 17, 17, 18, 17, 18, 17, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescars Metal bonding Metal fatigue Metal fatigue Metal amount of transistor Metal-oxide-semiconductor fransistor Metal-oxide-semiconductor Metal-oxide-semiconductor Micrositor M	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 54, 12, 60, 6, 124, 60, 124, 60, 124, 60, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 12, 60, 11, 130, 14, 11, 14, 15, 12, 14, 16, 16, 16, 16, 16, 17, 17, 11, 14, 18, 16, 16, 17, 17, 11, 14, 18, 16, 16, 17, 17, 17, 18, 17, 18, 17, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18
Mercury Mercury-cadmium-telluride Mercury diffusion Mercury diffusion Mercury diffusion Mercury vapor lights Mescens Metal bonding Metal fatigue Metal fatigue Metal attigue Metal attigue Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor if transistor Metal-oxide-semiconductor if transistor Metallograph Microsepes stage control Microspheres Microsepes stage control Microspheres Microwave over-horizon trans Microwave over-horizon Micr	5, 52, 103, 3, 88, 4, 76, 11, 98, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 12, 60, 6, 124, 11, 124, 11, 124, 12, 12, 12, 12, 12, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14

ı	Multichannel digitized recorder 10, 114.
	Multichannel digitized recorder 19, 114. Multi-channel recording 8, 37; 18, 114. Multicolor camera system 3, 78. Multichensional processing 5, 105. Multiphoton ionization 3, 154; 12, 43. Multiphe-beam antenna system 10, 98.
١	Naked uranium nuclei 2, 92. Narcotics smuggling 9, 54. National Academy of Engineering 1, 41;
ı	NASA Lewis Research Center
ı	. 10, 98, 101, 114, 129. National Bureau of Standards
ı	10, 84, 87, 113, 121. National industrial policy 1, 49; 2, 120.
l	National Institutes of Health 10, 95.
ı	National security 4, 70; 5, 50, 56; 6, 159; 7, 42, 107; 9, 51, 52; 11, 72. Natural graphite 11, Niobium alloys 3, 104.
ı	
ı	Network analyzer 10, 101.
ı	Neuromagnetic current probe 10, 95. Neutral mass spectrometer Neutral polarizing filter 8, 101. Neutron activity 4, 60.
I	Neutron activity 4, 60. Neutron bomb . 8, 49.
ı	Neutron bombardment of lithium 6, 90. Neutron dosage limits 1, 41.
١	Neutron stars 1, 66.
١	Newport Research Awards 4, 51.
ı	Nickel ring mounts 11, 130. Nitrogen oxide emissions 4, 52; 11, 62.
ı	Nickel ring mounts Nickel ring mounts Nitrogen oxide emissions Ntrogen oxide emissions A, 52; 11, 62. NMR spectrometer data system 10, 114. Nobel science prizes Nondestructive evaluation 4, 139; 5, 42;
I	6 272 8 80 9 79 107 11 46 12 35
I	Nonthermal radiation 11, 45.
1	North American Philips Corp. 10, 84. Notebook approach 10, 154.
ı	Nozzles 9, 124.
ı	
١	Nuclear fusion 3, 108: 7, 41: 10, 68.
ı	
ı	Nuclear licensing regulations 4, 52. Nuclear magnetic resonance 5, 51; 6, 229. Nuclear power 3, 11, 56, 136; 4, 59, 60; 5, 44; 6, 214, 304; 8, 48, 94; 9, 194;
ı	10, 80.
ı	Nuclear science 2, 102; 8, 53. Nuclear structure physics 9, 68. Nuclear war 6, 308; 7, 31; 8, 49; 10, 9
ı	Nuclear wastes 2 55: 6 19: 11 22
١	Nuclear Winter 19, 9. Numerical modeling 4, 102; 12, 71. Numerically-controlled machine
ı	tool 3, 124.
١	-0-
ı	Oak Ridge National Laboratory 10, 88, 95, 118, 129.
1	Ocean-floor research 11, 33.
1	
ı	Ocean thermal energy conversion 2, 91; 6, 214. Offshore oil structures 3, 57; 7, 36; 12, 64.
ı	Offshore oil structures 3, 57; 7, 36; 12, 64. Oil shale 2, 92; 6, 62. Olympic games 6, 203; 10, 19. On-line ash measurement system 10, 129. On-site evaluation 5, 99; 8, 53, 76.
ı	On-site evaluation 5, 99; 8, 53, 76.
ı	Operational host 11, 106. Opinion polls 5, 115; 11, 72. Optical character/image reader 10, 118. Optical communication 1, 124.
ı	Optical character/image reader 10, 118. Optical communication 6, 199; 12, 44.
I	Optical computer 7, 44. Optical coupling 2, 132. Optical differential interference contrast
ı	micrography 4, 138.
	Optical disks 5, 44; 8, 37. Optical emission spectroscopy 5, 125. Optical fibers 2, 76; 4, 62, 72, 116; 6, 200; 11, 46.
1	Optical telescope 3, 84: 10, 66.
	Optoelectronics 4, 62. Orbit-crowding by satellites 6, 160. Orbital Managementary Vehicles 5, 84
	Orbital Maneuvering Vehicle 5, 84. Orbital transfer vehicles 12, 45. Orbiting satellites 1 144: 2, 45: 3, 45: 9, 11
	Orbiting satellites 1, 144; 2, 45; 3, 45; 9, 11. Organic superconductor Organometallics 1, 62; 2, 84. 2, 183; 6, 272.
	Origins of galaxies 12, 56.
1	Origins of galaxies 12, 56. Oscillatory amplitude 9, 125. Oscillatocope 3, 128; 8, 100; 10, 152. Ownership of results 1, 33; 10, 31. Oxford Magnet Technology Ltd. 10, 130. Oxford magnetion 2, 139; 3; 125; 5, 17.
	Oscilloscope us, 128, 100; 10, 152. Ownership of results 1, 33; 10, 31. Oxford Magnet Technology Ltd. 10, 130. Oxidation reaction 2, 139; 3, 125; 5, 17;
L	11, 130.

Oxyfluorine radicals 11, 138	
Oxygen monitor 3, 49	
Oxygen reducing enzyme system 10, 95 Ozone layer 4, 11	
P	
Parallel communications link 11, 106	3.
Parallel communications link 11, 106 Parallel imaging detectors 1, 80 Parallel processing 1, 58; 2, 101; 5, 50).
11, 230).
	1
Particle accelerators 5, 41, 42; 8, 56 11, 106; 12, 46	5.
Particle-beam rusion 9, 50; 11, 45	3.
Particle energy 11, 98, 100 Particle physics 1, 47, 62, 100; 6, 58; 9, 66 Particulate emissions 12, 63	
Passwords 2 66	3.
Patent application 5, 31; 11, 27 Patent infringement 3, 39; 4, 39; 6, 39	7.
7. 23: 11. 27: 12. 26	9.
Patient line 11, 72	2.
Patent searches 2, 33 Patterned phosphors 8, 100 Pauchecke 9, 100	3.
Payloads 5, 84; 6, 136; 7, 56; 9, 51; 11, 56 PCB field test kit 10, 109 Peer review process 2, 120; 11, 23	5.
Penning gage 4, 143	3.
	1.
Penormance standards 8, 77; 11, 60	D.
Perkin-Elmer Corp. 10, 91, 133 Permanently manned space station 5, 79	3.
Permanently manned space station 5, 75 6, 156 Permionic membrane electrolyzer 10, 125	9.
Perpendicular magnetic anisotropy 8, 100 Person of means 11, 224	8.
Personal heroes 11, 72	2.
Personal instrumentation computer 10, 156 Petrarch Systems Inc. 10, 118	8.
Petroleum composition 12, 6- Phase change 2, 84; 8, 69 Phased-array scanners 6, 239	5.
Phosphors 3, 92; 8, 100 Photoconductors 4, 72; 6, 26	7.
Photoconductors 4, 72; 6, 269 Photo-electrochemical cells 6, 219	
Photoelectron enectrometry 1	2
Photoionization 9. 10	4.
Photon spectrometry 11 5	8.
	5.
Photovoltaics 3, 88; 6, 213; 11, 46, 59 Picosecond spectroscopy 10, 69 Piezo ceramics 4, 114; 6, 235; 9, 72, 139 Pignophack metal cabinets 2, 139	5.
Pioneer 10 and 11 6, 16	1.
Pirani gage 4, 143; 11, 146	9.
Planet X 3, 17; 5, 18	
Planetary mission 11, 69 Planetary orbits 3, 11	5.
Planned acquisitions 2, 157; 11, 11 Planning 2, 121, 256; 3, 142; 5, 25; 9, 19 11, 86; 12, 85	3;
Plant automation 2, 4	1.
9, 39; 11, 13	B.
Plasma deernear system 11, 13 Plasma etching 5, 128; 6, 256; 10, 150 11, 4	9;
Praising excression 11, 13	
Plasma spray process 3, 124; 9, 5	Ď.
Plasmid 5, 10 Plasminogen activators 6, 18	6. 0.
Plasmnogen activators 6, 18 Plastic parts 7, 6 Plastics technology center 10, 4 Platinum-group properties 1, 10 Platinum silicide 1, 10 Plutonium 11, 5	0.
Platinum-group properties 1, 10	2
Platinum silicide 1, 10: Plutonium 11, 5 Pneumatic shuttle system 5, 5	8.
Polarized light microscopy 10, 5	4.
Political activism 11, 22	1.
Political influences 2, 121; 3, 20 Political process 10, 13 Pollution 4, 72, 182; 5, 70; 6, 57, 105, 12	8.
Polybutylene terephthalate) 6, 270; 7, 6	3.
Polychlorinated biphenyls 7, 3 Polycold Systems Inc. 10, 13	5. 3.
Polycold Systems Inc. 10, 13 Polycrystalline materials analysis 5, 5 Polyether ether ketone composites 6, 27	1.
Polyetherimides 6, 269: 7, 6	6.
	3.
Polymer deposits 11, 13	
	-

Polymer heart valve prothesis 4, Polysulfone resins 12, 1 Portable welding aid 12, Positioning system 3, 57, 41 Positive pilot alerting 11,	51. 22. 35. 15.
Positron emission tomography 3, 83; 6, 2 Post-column derivatizing reagent	34.
Powder metallurgy 5, 44; 6, 2 Power tower station 11.	55. 68.
Power transfer 11, Power Mosfets 2, Power takeoff wheel 8.	46. 41. 70.
PPG Industries 10, 108, 1 Predictable recurrence interval 11, President's salary 11 Presaurized fluidized bed combustion	25. 47. , 9.
Pressurized multiple docking adapter 5,	82.
Pressurized-water reactors 4, Private R&D funding 6, 59; 11, Problem definition 5, 52; 9, 11,	59. 72. 49.
Process-control 8, 101; 9, 90; 11, 1	46.
Process for treating fission waste 10, 1 Process strategy 11, 1 Product consistency 9 Product-oriented high technology R&D	21. 52. 92.
Product strategy 11, Productive climate 11, Productivity 1, 86; 2, 95, 120; 3, 1	81. 72. 29:
11, 81; 12, Professional behavior 8, 25; 11, 2 Profit 4, 86; 5, 185; 6, 3, 117, 279; 8,	82. 38. 31:
Proplan engines 2, 80; 11, Proprietary information 12, Propulsion-force generator 11.	66. 29. 65.
Propulsion technologies 3, 71; 6, Protectionist philosophy 8, Protective coating 2, 3; 11.	77. 31. 53.
Protogalaxy 8.	94.
Proton energy 11.	06. 98. 62.
Pseudopeak 9, Public availability 11,	98.
Pulsed ion detector 3, 1 Pulsed-laser annealing 5, Pulsed-power-driven x-ray laser 11, Pulsed-power drivers 9,	41. 45. 50.
Pump life 10, 1 Pumping rate 11, 1	60. 59.
Punitive damages 4, Pusher engine 11, Pyrolysis 6, 219: 11, 1	39. 66. 52.
Pyrometer 10,	00.
Quadrupole magnets 9, 83; 11, Quake theories 9, 83; 11, Quality assurance 2, 3, 169, 180; 3,	
4, 60, 94, 96, 136; 5, 185; 7, 63; 8, 9, 90: 10, 142: 11, 81	97; 80;
Quality Product 2, 25; 11, Quality R & D 11, Quality sociology 5.1	39.
Quantum effect 2, Quantum electrodynamics 2.	86. 55. 92.
Quark-quark forces 11, Quartz-fiber electroscope 11, Quaternary ammonium salt 9, Queensland, Univ. of 10, 1	
Quench-protection monitor 11, 1	06.
	88. 45; 46.
Radiation exposure 12, Radiation-hardened materials 4, 72; 9,	39.
Radiation-induced conductivity 4, Radiation Monitoring Devices Inc. 10, 1 Radiation test 4, 52; 11, Radiation tolerance 3,	42. 72. 30. 33. 90.
Radient heat source 11, Radio astronomy telescope 2, 55,	40. 60;
Radio links Radioactive analysis 2, 48; 5, 106; 6, 2 11,	87. 233; 56.

Radioactive contamination 3, 55; 4, 61; 6, 90, 153; 7, 35; 10, 60; 11, 56; 12, 46. 6, 90, 155; 7, 35, 16, 35; Radiographic image-evaluation system 10, 133, 143; 12, 35. -S-Safety 2, 138, 186, 248; 4, 59; 5, 44, 49; 6, 157; 8, 11, 77; 9, 51. Safety cans 2, 137.

Index to Volume 26 (1984) of R&D continued

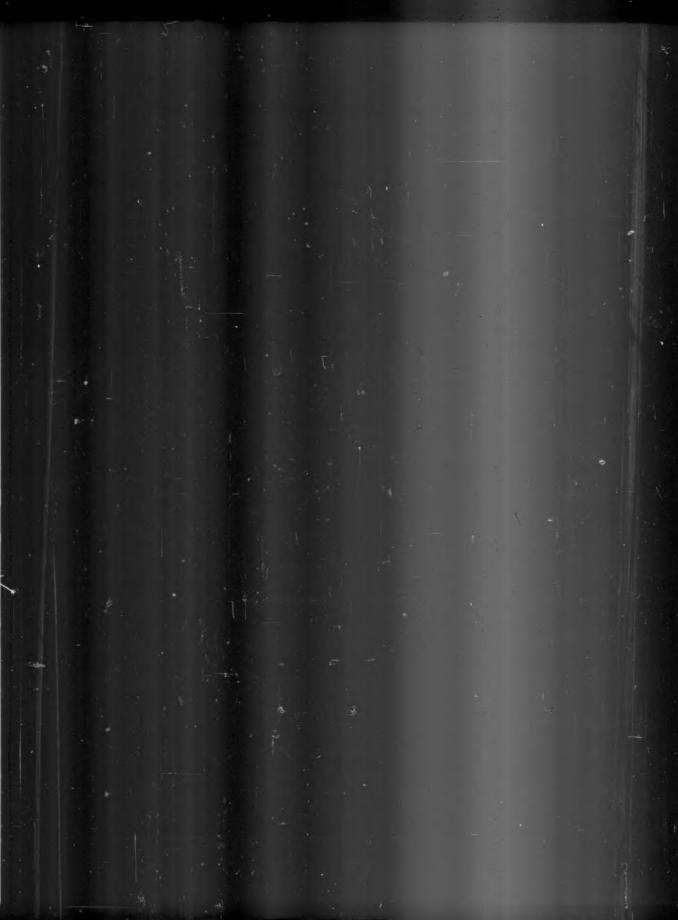
Science magazines Science with a smile Scientific illiterates Scientific vote Scientific vote 10, 3, 137: 11, Scintillation 1, 99; 4, 47; 6, 233;	47, 72.
Screening device for detection of cystic fibrosis Seasat Secondary containment Secondary ion mass spectroscopy Secrets Secrecy preach Secrecy classification Security 1, 42; 3, 57, 68; 5, 50; 6, 15; Sedimentation field-flow fractionation	in:
Seismic simulator Seismic waves Self-healing digital machines Self-repairing flight-control system Semiconductor-device programmer	9, 117. 2, 70. 9, 83. 10, 105. 2, 84. 5, 64. 3, 58. 11, 65.
Semiconductor lasers Semiconductor processing 1, 49; 5, 6 Semiconductor research 3, 62;	9, 62.
Sensitive technology Separation science Separator oclumn Sequence generator Sequential x-ray spectrometer Sequential x-ray spectrometer Service business 71-digit number Shaker Research Corp. Shietder Glass Corp. Shietding geometries Shuttle failures Shuttle-spacelab combination Side-window x-ray tube Signal Companies Silkorsky Aircraft Div. Silane gae Silicon A; 50: 6, 256: 12, Silicon carbide A; 75: 6, 272: Silicon carbide Silicon flore-coupled developed Silicon intride Silicon intride Silicon intride Silicon intride); 9, 58. 12, 45. 9, 116. 3, 135. 1, 94. 2, 132. 3, 33. 5, 50. 10, 129. 10, 129. 3, 31. 1, 47. 2, 132. 11, 47. 2, 132. 11, 47. 2, 48. 12, 43. 43, 44. 8, 160. 3, 88. 10, 87. 12, 44. 6, 272.
Silicone interpenetrating polymer network-modified thermoplastic 1 Simulated nuclear accident 1 Simulated nuclear accident 1 Simulated nuclear accident 2 Single-column ion chromatography 1 Single-crystal photovoltaic arrays 1 Single-inder, human-powered vehicle 1 Size-exclusion chromatography 1 Size niction drag 1 Size-exclusion 2 Size-exclusion 1 Size-exclu	10, 117. 10, 60. 4, 102. 3, 135. 6, 216. 9, 90. 3, 74. 6; 8, 19. 9, 44. 4, 88. 2, 253. 12, 63. ; 11, 72. 5, 56. 1, 17. 6, 249. 11, 231.
Soliam poisoning of semicorioucio Soft airfolis Soft airfolis Software deficiencies Software development 2, 108; Software development 2, 108; Software engineering 2, 62; 4, 94; 5 Software portability Software soliam sol	8, 68, 42, 45, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46
	Science with a smile Scientific work Scientific witherates Scientific work Scientific Scientif

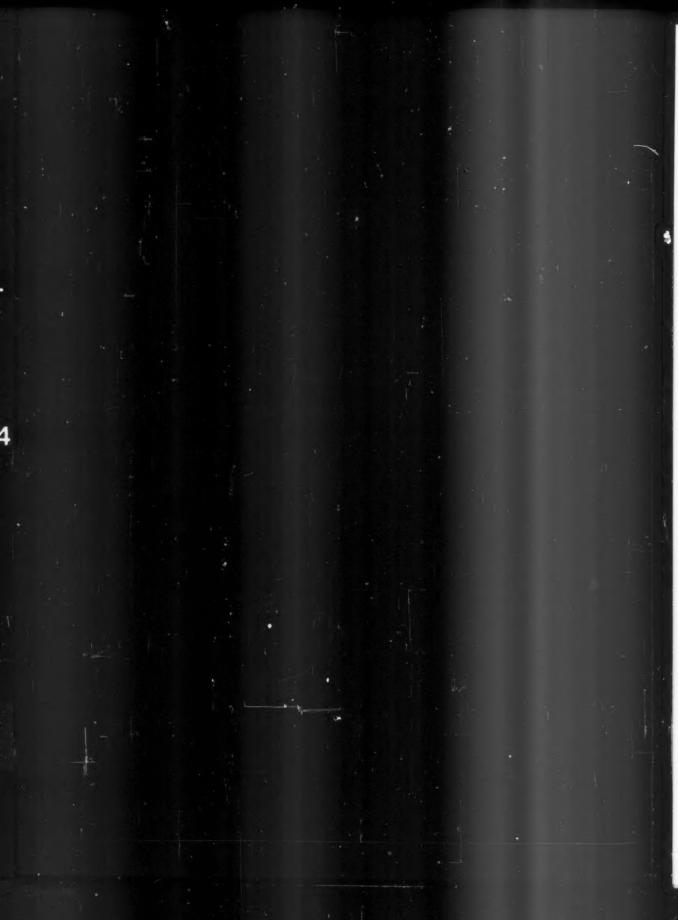
4

(,	
Southwest Research Institute Space antenna	10, 105. 5, 49.
Space-based factories Space-based R&D 1, 14 4, 51, 78; 6, 52, 57, 136 9, 11, 39, 49, 187; 10	9, 11, 49. 4; 2, 53, 54; 5, 294; 7, 54; 0, 47; 11, 33.
Space plane Space requirements Space station 2, 53, 54, 68; 5, 79, 82, 84; 6, 56; 18, 39, 47; 11	2, 53. 12, 83. 3, 55; 4, 78; 8, 47; 9, 39;
Space surveillance systems	1, 58; 12, 45. 3, 88. 6, 157, 277; 9, 43, 49.
Space transportation Spacelab 1, 47; 5, 82, 84 Speaker independent recognition	7, 36; 10 , 66. 0, 49; 11 , 58. 1; 9 , 49, 187.
Spectral stripping Spectrographic nitrogen detect Speech recognition Spent fuel Spherical dipole probe system	4, 123. or 10, 88. 1, 86. 8, 41.
Spiral galaxies Spoken instruction Spray velocity Spread-sheet manipulation	8, 93. 11, 50. 9, 125. 10, 154.
Spurious electronic emissions Sputter deposition 8, 112 Sputter-ion pumps Sputter-sealed IR windows	3, 130. 2; 11, 3, 130. 9, 134. 11, 130.
Sputtering process Square-piston engine Stack cache Staggered-CMOS approach Standard of living	3, 124. 3, 45. 9, 112. 6, 260.
Stannous fluoride Star wars defense	2, 120. 10, 54. 6, 57. 5, 11; 11, 72; 12, 29.
Static loads Station definition Stauffer Chemical Co. Steering control	12, 60. 11, 58. 10, 105. 5, 37.
Stellar drag Stellar colonization Stereochemical control Stimulated Raman spectrosco	8, 95. 6, 18. 2, 88. py 5, 42.
Stopped-motion photographs Storage scope Strategy decisions Street lighting Streetscape	1, 41. 11, 106. 11, 81. 1, 147; 4, 76. 5, 93.
Stress points Strobe light technology Strong nuclear force Strontium	8, 37. 1, 41; 7, 48. 9, 68. 3, 50.
Structural alloys Structural assembly concept Structural defects and mechar properties Student interest	2, 45. 10, 39. nical 5, 44. 11, 72.
Subatomic nuclear physics Subatomic particle & Submarine lightwave cable Submerged pipelines	, 153; 10, 50. 6, 199. 11, 33.
Submicrometer lateral resoluti Submillimeter wave astronomy Suborbital flight Subsonic transports	2, 55. 3, 71. 3, 71
Subsurface cracks Subway-elevated system Summer-heated lake water Summer internships Sun-synchronous polar orbit	, 137; 11, 46. 11, 33. 7, 42. 1, 152. 5, 82.
Sunken ships Sunlight readability Super superconducting collide	11, 33. 3, 92. 5, 42; 11, 98, 106.
Super protein synchrotron Superalloy Superbatteries Supercomputer 2, 102	3, 122. 10, 39. 5, 50; 6, 58.
Superconducting accelerator Superconducting booster Superconducting magnet 10, 102	11, 98, 106. 9, 68. 6, 92; 1, 130; 11, 98.
Superconducting magnetic-er storage system Superconductors Superconducting tunnel juncti	10, 102. 1, 62; 12, 43. on devices
Supernova explosion Super proton synchrotron	5, 37. 0, 52; 11, 106. 5, 56; 6, 90. 9, 68.
Supersonic flow Supersonic transports Support areas Support modules Suppression factor	5, 68; 11, 39. 2, 46; 3, 71. 12, 82. 5, 82. 8, 94.
Surface-acoustic-wave oscilla Surface electric fields Surface kinetics Surface modification of materi	10, 101. 9, 68. 12, 44.
Surface passivation Surface reactions Surface stretching	3, 88. 12, 43. 5, 68.

urface temperature sensors	4, 128.
urface topography urveillance robot	4, 138. 12, 39.
surveillance natellites	4, 47.
lusceptor witchable window glazing	2, 190. 11, 53.
lynchrotron x-ray small-angle	
incattering lyngas production	10, 133. 6, 219.
lyntax error lynthesis research	6, 219. 11, 21. 6, 116.
ynthesis research ynthetic aperture radar	6, 116. 2, 88.
synthetic DNA fragments	5, 107
ynthetic fuel 2, 92; 6, 58, 21 synthetic voice output	4; 4, 51.
T	., 00.
-1-	
andem mirror antalum argeted chlorination system au neutrinos ax credit 2, 11; 5, 84; 6, 59, 21	6, 94.
antaium arceted chlorination system	3, 104. 10, 121. 11, 98.
au neutrinos	11, 98.
ax credit 2, 11; 5, 84; 6, 59, 21	9; 9, 49;
ax policy 2, 121	: 6, 219.
echnological cooperation echnological illiterates	5, 41. 11, 72.
ax policy 2, 121 echnological cooperation echnological illiterates echnological innovation 6, 57	: 10, 31:
echnological solution	11, 72. 6, 29.
echnological solution echnological strides echnology export 1, 53; 4, 66; 5,	1, 37.
	56; 8, 49; 0, 43, 52.
echnology needs echnology transfers 2, 25, 95; 3,	10, 47. 19; 6, 58;
9, 43, 52	
Fechnology ventures 5, 41 (slephone encryption sleepope 3, 84; 5, 56; 10, 66 (ennessee Valley Authority	6, 284. 1, 92.
elescope 3, 84; 5, 56; 10, 66	; 12, 56.
Tennessee Valley Authority Tension-polishing process	10, 121. 8, 160.
errorist-supporting country	9, 54.
Fevatron 3, 107; 11, Fexas Instruments Inc.	10 108
	1; 12, 44.
Theoretical model 8, 54 Thermal conductivity 4, 75, 129; Thermal energy 8, 78; 8, 68 Thermal expansion 3, 123, 150.	11, 146. 3; 11, 45.
morma expansion e, 160, 100,	11, 130.
Thermal gradient Thermal-imaging systems	2, 91. 11, 130.
Thermal ionization process for sulf	ur 10, 121.
Thermal neutrons	12, 35.
Thermal protection tiles Thermal scanner for coating bonds	4, 74.
Thermionic detector	8. 82
Thermochromatic surface coating Thermodynamic energy cycles	11, 53. 12, 58.
Thermopile calibration	4, 129,
FIG welding vision system Fime division multiplexing 1, 93;	10, 125.
Time retardation	8, 93
Fitanium nitride Fokamak 2, 54; 6, 8	11, 60. 39; 7, 41.
Tooth decay 4, 1	188, 192. 3, 142.
Fop management Fop quark	9, 68.
l'oposcopic catheter l'oroidal magnetic confinement de	10, 92.
	6, 94.
Total-ion electrode	11, 146.
Toxic gas leak detector	4, 52.
8, 11;	11, 236.
Toxic waste	11, 236. 11, 72. 10, 118.
Toyota Central R&D Labs Inc. Traction 5,	37; 6, 76.
Trade policy 8, 49; 9, 5 Trade secret 5, 31; 6, 39; 7,	4; 12, 45. 25: 8, 75:
	11, 27.
Trademark 2, 33; 6, 39; 7, 23; 9, 3 Tradition	1; 12 , 29. 7 , 15, 19.
Training engineering students	4, 80.
Trans-atmospheric vehicles Transfer screen	3, 71. 12, 35.
Transfer screen Transition radiation detector Transition temperature 1 62: 2 8	4, 47.
Transition temperature 1, 62; 2, 8 Transmission electron microscope	4; 11, 53. is 8, 80.
Transition radiation detector Transition temperature 1, 62; 2, 8 Transmission electron microscope Transmission line Transphasors Transportation policy 2, Traveling-bed ion-exchange conta	3, 107. 7, 44. 54; 6, 81.
Transportation policy 2,	54; 6, 81.
Traveling-bed ion-exchange conta	10, 121
Treatment of aluminum in crucibles	10, 121.
ringeneration facility Tritium	8, 66. 90; 9, 50
Tropospheric chemistry	4, 65.
Traveling-bed ion-exchange conta Treatment of aluminum in crucibles Trigeneration facility Tritum 6, Tropospheric chemistry TRW Electronic Systems Group Tunable ultraviolet laser Tungsten halogen lamps Turbine components 1, 41; 3, 12 Turbine components 1, 41; 3, 12	10, 98.
Tungsten halogen lamps Turbine components 1, 41; 3, 12	1, 37. 2; 6 , 213;
	8, 37, 68.
Turbocompressor Turbofan engine	12, 52.
	12, 52. 11, 66. 9, 134. 11; 7, 43.
2020 Vision contest 6, Two-dimensional flows	9, 134. 11; 7, 43. 3, 76.
256-kbit CMOS static random acc	ess
memory	10, 108.

-0-
Ultracentrifuges 9, 117.
Ultracold temperatures 2, 68. Ultrafiltration 5, 52, 103. Ultrahigh-speed photography 1, 41.
Ultrapure light 5, 37. Ultrasonics 4, 136; 6, 229, 277; 9, 72, 80; 10, 88, 125; 11, 130, 138.
Ultrasonic imaging devices 4, 136; 6, 229; 9, 80; 10, 88, 125.
Ultrasonic signal attenuation 9, 80.
Ultrasonically-pulsed neutron time-of flight spectrometer 10, 88.
UV absorbance 3, 135; 4, 120; 8, 66; 9, 104; 10, 88.
UV/VIS glode array spectrophotometer
10, 88. UV/vis spectroscopy 4, 120; 10, 88.
Unbalanced collisions 8, 56.
Underground coal gasification 2, 46. Underwater storage 8, 41.
Unified space command 2, 55.
Uniform fire code 8, 77. U.SBulgarian round table 9, 54.
U.S. Bureau of Mines 10, 121.
U.S. Bureau of Mines 10, 121. U.S. trade policy 1, 53. United Technologies Packard 10, 95. Universal GC detection 9, 104. University-industry agreements 2, 102:
Universal GC detection 9, 104.
9, 194: 10, 54: 12, 35.
University research 1, 11; 4, 51, 65; 6, 53; 11, 72.
University salaries 11, 72.
Unmanned missions 2, 55; 3, 55; 5, 82; 6, 161.
Unrefueled trip 9, 74.
Upper-atmosphere research satellite 3, 56; 6, 160.
Upper-story vibration time 11, 47.
Upsilon particles 10, 50. Uranium 2, 92; 6, 90; 8, 58.
Uranium-platinum allov 5, 41.
Usage rights 11, 58. Utility management 3, 11; 4, 61; 12, 54.
V
v_
VLSI technology 3, 62.
Vacancy chromatography 9, 97. Vacuum distillation 9, 85.
Vacuum leak detector 11, 146.
6, 161; 9, 85; 10, 159; 11, 3, 130. Vacuum pump fluid selection 10, 159.
Vacuum systems 3, 88: 4, 143: 6, 161:
9, 131; 10, 159; 11, 146.
Vacuum ultraviolet absorption spectrometer 10, 87.
Vacuum ultraviolet region 2, 172; 3, 88;
Valley Data Sciences Inc. 10, 87.
Value engineering 9, 196. Vanderbilt Univ. 10, 95.
Vapor-mist dielectrics 10, 98.
Variola virus 2, 253.
Venture capital 2, 95; 5, 11; 6, 124; 7, 23. Vertical-launch vehicle 11, 58.
Very-high-speed integrated circuit 6, 58:
Very Large Array radio telescope 2, 60.
Very large scale integration 1, 102; 2, 110;
Vibration 2, 84: 5, 42, 74, 97: 6, 76, 200:
8, 37.
Vibration monitoring system 8, 37.
Video mapping system 4, 51. Video transmission 6, 203.
Viking 6, 158.
Viscous drag 7, 68. Visible-light image 5, 42; 10, 143.
Visible-light lasers 5, 42.
Voice identification 1, 86: 5, 44: 6, 153.
Voice space display 10, 113.
Volcanic rock 4, 47. Voyagar 3, 45; 6, 161; 9, 74.
—W—
Wand Z ⁰ particles 1, 62.
Wafer degradation 9, 62. Wage rates 5, 185.
Wage rates 5, 185.
Warming trend 4, 192.
Warming trend 4, 192. Warner-Lambert Consumer Products R&D Center 5, 92.
Warming trend 4, 192. Warner-Lambert Consumer Products R&D Center 5, 92. Warrarty coverages 3, 129; 7, 23.
Warming trend 4, 192. Warmer-Lambert Consumer Products R&D Center Warrarty coverages 3, 129; 7, 23. Waste heat 3, 86; 6, 219; 3, 68. Waste oil recovery 6, 138; 9, 85.
Warming trend 4, 192. Warmer-Lambert Consumer Products Reb. Center 5, 92. Warrarty coverages 3, 129; 7, 23. Waste heat 3, 86; 6, 219; 8, 68. Waste oil recovery 6, 138; 96. Waste oil recovery 10, 133. Wave motion 10, 58. Water Wave March Wave
Warming trend 4, 192.
Warming trend 4, 192. Warner-Lambert Consumer Products Reb. Center 5, 92. Warner Y coverages 3, 129: 7, 23. Waste heat 3, 86; 6, 219: 8, 68. Waste oil recovery 6, 138: 9, 68. Water-vapor cryopump 10, 133. Wave motor 10, 58. Weally dissociated ions 3, 135. Weapons-crade material 8, 90.
Warming trend
Warming trend 4, 192. Warner-Lambert Consumer Products Reb. Center 5, 92. Warnerly coverages 3, 129; 7, 23. Waste heat 3, 86; 6, 219; 8, 68. Waste oil recovery 10, 133. Wave motor 10, 58. Weakly dissociated ions Weapons-grade material Weather forecasting 4, 47; 11, 130. Weightless environment 1, 144; 9, 156; 12, 35. Westinghouse Corp. 10, 98; 12, 35.
Warming trend 4, 192. Warner-Lambert Consumer Products Reb. Center 5, 92. Warnerly coverages 3, 129; 7, 23. Waste heat 3, 86; 6, 219; 8, 68. Waste oil recovery 10, 133. Wave motor 10, 58. Weakly dissociated ions Weapons-grade material Weather forecasting 4, 47; 11, 130. Weightless environment 1, 144; 9, 156; 12, 35. Westinghouse Corp. 10, 98; 12, 35.
Warming trend





Whiplash effect Whirlpool	2, 70.
	8, 93.
Wide-body airplane	11, 66.
Willful infringement	4, 39.
Winchester disk drive 6, 244	; 11, 106.
Wind energy 6, 2	13: 8, 68.
Wind tunnel 1, 41; 2, 41, 46, 80, 10	4; 6, 159; 7, 31.
Wind turbines 6, 2	13: 8, 68.
Windows 6, 212; 11	
Window mount	11, 130.
Wireless data system	
	11, 33.
Women in R&D	5, 113.
Word processing 4, 184; 7, 19	
144 1 4 1 11	11, 50.
Work patterns and conditions	12, 83.
Work platform	10, 39.
Work-related injuries	2, 248.
Work schedule	11, 15.
Workmanship	2, 25,
World patent registration	6, 117.
Wrist-radio communication	5, 49.
What adio communication	3, 40.
—X, Y, Z—	

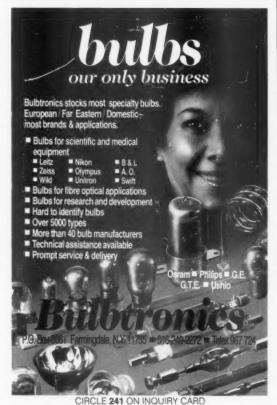
, , ,	
X rays	1, 48; 6, 229.
X-ray absorption fine struct	
spectroscopy	8, 62.
X-ray analysis 2, 124, 132;	
	6, 229; 11, 56.
X-ray diffraction	2, 124; 5, 51.
X-ray emission	3, 88; 11, 56.
X-ray film	12, 35.
X-ray fluorescence	2, 124; 5, 72.
X-ray flux	1, 82; 6, 232.
X-ray illumination 6, 229, 2	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11, 45,
X-ray lasers	11, 45.
X-ray monochromator	1, 81.
X-ray photographs	10, 68.
X-ray production	1, 80.
X-ray production	11, 45.
X-ray shadowgraphy	6, 229.
X-ray telescope	5, 37.
X-ray tube	2, 132.
X-y microscope stage	4, 114; 8, 3.
Xenon	11, 65.
Yellow rain	4, 11.
Yttria-stabilized zirconia	3, 125.
Yttrium-aluminum-garnet la	aser 10, 49.
Zeolite catalyst	5, 51.
Zero coefficient of resistivit	y 5, 123.
Zero-field NMR	5, 51.
Zero-gravity conditions	5, 79; 6, 161.
Zero-pressure gradients	3, 76.
Zeta particle	10, 50.
Zirconium oxide	3, 122; 10, 39.
Zymet Inc.	10, 134.
Zymot mc.	10, 134.

1984 Authors Index

7, 41; 8, 49; 9, 52 Albertson, Paul Allen, B.R. Althouse, Lynda M. Andrews, J. Edward Andrews, J. Edward Barbar, Patrick G. Barr, R. W. Berger, B. W. Bould, G. W. Bould, G. W. Bould, G. W. Bould, G. W. B. B	9, 90. 6, 143. 7, 107. 11, 138. 9, 124. 9, 131. 11, 98, 106. 1, 92. 8, 100. 12, 70. 11, 130. 3, 135. 10, 159. 2, 92; 4, 72; 5, 74; 10, 58.
5,5	2, 124, 6, 68, 2, 172, 5, 118, 6, 267, 2, 124, 4, 102, 1, 86, 5, 106, 10, 142, 4, 143, 5, 5, 102, 6, 5, 117, 230, 11, 230, 62; 2, 101; 3, 74, 4, 72; 11; 8, 56; 11, 45; 12, 43,
Derringer, George C DiCarlo, L. Downs, Hugh Driscoll, J.N. Engle, F.W. Farkas, Joe Fellman, Bruce Ferioli, P. Frand, Erwin A. 1 5, 25; 6	2, 124. 6, 157. 8, 104. 11, 138. 7, 66. 3, 114. 8, 104. , 29; 2, 25; 3, 33; 4, 31; 5, 29; 7, 19; 8, 25; 9, 25;
Fredkin, Edward Frey, Jeffrey Gant, J. Russel Geren, Gerald S. 1	10, 25; 11, 21; 12, 23. 6, 243. 6, 255. 3, 96. , 33; 2, 33; 3, 39; 4, 39;

5, 31; 6,	39; 7, 23; 8, 31; 9, 31;
Cilbert Minites	10, 31; 11, 27; 12, 29.
Gilbert, Walter	6, 177.
Gruen, D.M.	3, 153.
Gwynne, Peter 1,	48; 2, 92; 4, 59; 5, 49;
	2; 8, 56; 9, 51; 10, 50.
Hatcher, M.T.	2, 124.
Haydon, Edwin	1, 56; 2, 79; 10, 48
	11, 50; 12, 56.
Helfrich, John	9, 90.
Hemenger, Patrick M.	. 8, 150.
Henderson, Thomas	Fi. 11, 231.
Hoess, Joseph A.,	6, 75
Holme, Alan E.	11, 146.
Hoppe, Martin	4, 136
Jenkins, D.M.	5, 102
Jewett, Douglas	6, 139
Johnson, Robert W.	8, 152
Jones, Robert R.	4 41-9 41-9 11 07
A 11.	1, 11; 2, 11; 3, 11, 97 5, 11, 112; 6, 11; 7, 9 , 9, 137; 11, 9; 12, 11
0 11 0 11 10	0 107 11 0 11 7 8
0, 11, 9, 11, 10	9, 137, 11, 8, 12, 11
Jueneman, Frederic I 4, 17; 5,	B. 1, 17; 2, 17; 3, 17
4, 17; 3,	17; 6, 17; 7, 15; 8, 19
	9, 19; 10, 19; 12, 17
Jueneman, Montyne	
Jupille, Thomas	3, 135
Kegel, B.H.	11, 138
Kelly, Henry C.	6, 213
Kelly, Michael A.	1, 80
Keyworth, G.A.	6, 52
John N. Kikkert	2, 132
Kinsinger, Richard E.	6, 229
Lanam, Richard D.	1, 102
Lanier, H.F.	9, 192
Leighty, D.A.	2, 172
Levine, Stanley R.	3, 122
Lipinsky, E.S.	5, 102
Loomis, James P.	6, 75
Mah, Lee	12, 89
Martens, Alexander E	
Martin, Jim	3, 114
McCormick, J.	8, 100
McCracken, Laurin	12, 82
McDonald, W.E., Jr.	11, 138
McInturff, Alfred D.	3, 104
Meyer, Thomas	1,96
Miller, Robert A.	3, 122
Mohn, Walter Rosing	6. 121
Mosbacher, C.J.	1, 77; 2, 145, 157
	11, 114, 123
Münz, W.D.	8, 107
Niesz Dale F	6 267

Ouchi, Glenn L.	2, 150.
Padera, Frank G.	4, 120.
Palmer, David W.	7, 108.
Parker, David R.	8, 74.
Parr, Gary L.	1, 93; 2, 3; 6, 257.
Patzelt, Walter J.	4, 136.
Pellin, M.J.	4, 136. 3, 153.
Perrone, Pamela A.	9, 96.
Persyn, Harvey O. Poirier, Robert H.	6, 105.
Poirier, Robert H.	6, 267.
Putnam, Frederick A.	10, 154.
Raab, Martin D.	3, 142.
Ragan-Kelley, Robert	9, 110.
Rita, Robert A.	11, 152.
Robertson, Allen R.	1, 102.
Röll, K.	8, 107. 2, 162.
Rossiter, V.	2, 162.
Russell, Channing H.	4, 94.
Ruzic, David Neil Ruzic, Neil P.	6, 89.
Samuels, Thomas	6, 277. 12, 82.
Scholes, William A.	2, 91; 3, 84; 8, 62;
Continuo, vennanti ri.	12, 44.
Schuessler, Richard	3, 128.
Schumann, Stanley, P.	4, 128.
Scott, Gene	4, 128. 5, 125.
Seibert, George L.	6, 129.
Sherk, Thomas A.	11, 152.
Skarstedt, Mark T.	6, 116.
Sommerkamp, P.	6, 116. 8, 107.
Stambler, Irwin 1, 56	6; 2, 62; 3, 71; 4, 80;
5, 68; 8, 46; 9, 79; 10	0, 48; 11, 66; 12, 50.
Stevens, Arthur M.	2, 138.
Sutherland, George L.	3, 142.
Sweeney, Jack	6, 117.
Sweet, R.C.	11, 130.
Taraglia, John	4, 108.
Taunton-Rigby, Alison Thomas, D.G.	6, 177. 6, 199.
Thomas, H.L. 3, 148;	5 92-7 60-9 116
Thurow, Lester	2, 120.
Togami, David	3, 135.
Towns, B.	9, 104.
VanDeusen, William	8, 92.
Vanderbilt, Byron M.	5, 118.
Walden, Gary	2, 178.
Wilson, John	10, 150.
Young, C.E.	3, 153.
Young, Dennis A. 1,	62; 2, 96; 3, 55, 86;
	7, 44: 8, 60: 10, 47:
	11, 58, 62; 12, 64.
Young, Russell D.	4, 114.
Zenie, Frank H.	11, 81,



Catalog of metal powders, cermets, ceramics, refractories available on request.

onsolidated stronautics

Division of UNITED-GUARDIAN, INC. 230 Marcus Blvd., Hauppauge, New York 11787 • (516) 273-0900

- COBALT METAL POWDER, 1 Micron
- CHROMIUM-NICKEL-TUNGSTEN
- TANTALUM HAFNIUM CARBIDE
- COPPER-SILICON-TITANIUM
- STAINLESS BRAZE (Low-temp.)
- VANADIUM POWDER, Ductile
- PLATINIZED TUNGSTEN
- CHROMIUM DIBORIDE
- ALUMINUM NITRIDE
- COBALT-PALLADIUM
- . BORON, Crystalline SILICON NITRIDE